



November 5, 2018

Pfizer Inc.
100 Route 206 North, MS LLA-401
Peapack, NJ 07977
Tel: 908-901-8630

Via e-mail and U.S. Postal Service

David N. Cuevas-Miranda, Ph.D.
Geologist/Marine Scientist
Senior RCRA Corrective Action Project Manager
US EPA-Region 2
Caribbean Environmental Protection Division
City View Plaza II, Suite 7000
Guaynabo, Puerto Rico 00968

**RE: Pfizer Pharmaceuticals, LLC, Carolina Site
Remediation Status – Data Summary Report
65th Infantry Avenue, Km. 9.7
Carolina, Puerto Rico**

Dear Mr. Cuevas:

On behalf of Pfizer Pharmaceuticals, LLC (PPLLC), please find attached a Remediation Status Data Summary Report prepared by Golder Associates Inc. that presents a summary of voluntary remedial activities and data obtained (i.e. groundwater chemistry results) since the previous (September 2017) progress report.

In general, remediation results have been very favorable, such that no additional treatment amendments are currently planned. The attached report includes a semi-annual post-remediation performance monitoring program. A work plan to conduct a post-remediation soil-gas survey will be provided under separate cover.

Should you have any questions about the report, please don't hesitate to contact me at 908-901-8630.

Sincerely,

A handwritten signature in blue ink that reads "William G. Gierke".

William G. Gierke, P.G., Senior Manager
Pfizer Inc.

cc. Lorna Rodriguez, EQB



TECHNICAL MEMORANDUM

DATE November 5, 2018 **Project No.** 103-82746.B

TO Mr. William G. Gierke
Pfizer, Inc.

CC Jeff Paul

FROM Matthew C. Crews **EMAIL** mcrews@golder.com

RE: **REMEDIATION STATUS & DATA SUMMARY REPORT**
FORMER PFIZER PHARMACEUTICAL FACILITY IN CAROLINA, PUERTO RICO

Golder Associates Inc. (Golder) has prepared this Technical Memorandum to summarize remedial activities and performance monitoring results at the former Pfizer facility in Carolina, Puerto Rico (the site). A Remedial Action Plan (RAP) was submitted to the US Environmental Protection Agency (EPA) in July 2014 and implementation began immediately thereafter. The following summarizes the activities completed from January 2018 through September 2018.

AMENDMENT INJECTIONS

A total of seven amendment injection events have been completed as part of the RAP implementation. The most recent injection event was completed this year, as described below.

- April/May 2018 – Injected amendment into a total of 28 wells. Amendment (approximately 74 kilograms (kg) to 173 kg of EOS Pro per 1,000 gallons of water, per injection well) was injected into select overburden injection wells (INJ-8 through INJ-14, INJ-25, INJ-30, INJ-36 through INJ-39, MW-26S, and MW-29S). Injected amendment (approximately 55 kg to 169 kg of EOS 100 per 1,000 gallons of water, per injection well) into select rock injection wells (INJ-1 through INJ-3, INJ-15, INJ-22 through INJ-24, INJ-31, INJ-33 through INJ-35) and overburden injection wells INJ-16 and INJ-17. The variations of the amount of amendment injected were based on chlorinated volatile organic compound concentrations at that location and the ability of the subsurface to accept the amendment.

The well locations are shown on Figure 1. A summary of the volume of amendment injected in site wells is presented in Table 1.

PERFORMANCE MONITORING

Groundwater performance monitoring activities were completed in January 2018 and September 2018, as described below.

- January 2018 – Continued performance monitoring.
- September 2018 – Performance monitoring after seventh injection event.

The January 2018 and September 2018 results are summarized in Tables 2 through 4. The September 2018 results are also shown on Figures 2 through 6. Copies of the laboratory analytical reports for each groundwater sampling event are included in Attachment A.

The performance monitoring results indicate that the amendment injections have significantly reduced the trichloroethene (TCE) concentrations across the remediation area. The magnitude of these reductions can be seen on Figures 7A and 7B, which include a side-by-side comparison of the pre-amendment injection TCE concentrations and the post-amendment injection results.

NEXT ACTIONS TENTATIVELY PLANNED

Golder recommends continued groundwater performance monitoring on a semi-annual basis for up to two years. The performance monitoring plan is shown in Table 5. The next groundwater monitoring events are tentatively scheduled for March 2019 and September 2019. In addition, Golder will develop a work plan to complete a soil gas survey. The work plan will be submitted under separate cover in November 2018.

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Attachment A Laboratory Analytical Reports

MCC/ams

G:\Projects\103\103-82\103-82746\Progress Reports\November 2018\Remediation Status-Data Summary Report Nov 2018.docx

TABLES

TABLE 1
SUMMARY OF AMENDMENT INJECTIONS

Former Wyeth, Carolina Facility, Puerto Rico

Injection Well ID	Screened Interval (feet bgs)	Injection Dates	Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg)	Approximate Mass EOS Pro Per 1,000 Gallons of water (kg)	Approximate Mass EOS 100 Per 1,000 Gallons of water (kg)	Approximate Mass Sodium Lactate Injected (kg)	Approximate Mass EOS Pro Injected (kg)	Approximate Mass EOS 100 Injected (kg)	Injection Water Volume ^A (gal)	Flush Water Volume ^A (gal)	Total Injection Volume (gal)
INJ-1	20 - 40	February 2015	20	0	0.0	20.9	0.0	0.0	1,046	99	1,145
		July 2015	20	11	0.0	21.0	11.6	0.0	1,052	48	1,100
		December 2015	0	36.7	0.0	0.0	73.9	0.0	2,014	59	2,073
		January 2016	0	36.7	0.0	0.0	77.2	0.0	2,104	148	2,252
		February 2017	0	0	94.4	0.0	0.0	209.4	2,219	100	2,319
		May 2018	0	0	55.3	0.0	0.0	110.4	1,995	251	2,246
	Total					42.0	162.7	319.8	10,430	705	11,135
INJ-2	19 - 40	February 2015	20	0	0.0	20.3	0.0	0.0	1,014	98	1,112
		July 2015	20	11	0.0	20.9	11.5	0.0	1,046	47	1,093
		December 2015	0	36.7	0.0	0.0	77.3	0.0	2,107	51	2,158
		January 2016	0	36.7	0.0	0.0	70.4	0.0	1,918	227	2,145
		February 2017	0	0	94.4	0.0	0.0	210.5	2,231	100	2,331
		May 2018	0	0	55.3	0.0	0.0	111.9	2,022	120	2,142
	Total					41.2	159.2	322.4	10,338	643	10,981
INJ-3	19 - 40	February 2015	20	0	0.0	19.1	0.0	0.0	953	100	1,053
		July 2015	20	11	0.0	20.6	11.4	0.0	1,032	47	1,079
		December 2015	0	36.7	0.0	0.0	76.6	0.0	2,087	62	2,149
		January 2016	0	36.7	0.0	0.0	77.8	0.0	2,119	279	2,398
		February 2017	0	0	94.4	0.0	0.0	221.3	2,346	100	2,446
		May 2018	0	0	55.3	0.0	0.0	110.7	2,000	194	2,194
	Total					39.7	165.7	332.0	10,537	782	11,319
INJ-4	40 - 50	February 2015	20	0	0.0	2.0	0.0	0.0	100	0	100
		July 2015	0	36.7	0.0	0.0	5.8	0.0	158	10	168
		December 2015	0	36.7	0.0	0.0	37.9	0.0	1,033	65	1,098
		January 2016	0	36.7	0.0	0.0	3.8	0.0	104	13	117
	Total					2.0	47.5	0.0	1,395	88	1,483
INJ-5	40 - 50	February 2015	20	0	0.0	25.6	0.0	0.0	1,280	100	1,380
		September 2015	0	36.7	0.0	0.0	51.1	0.0	1,393	73	1,466
		January 2016	0	36.7	0.0	0.0	46.7	0.0	1,273	147	1,420
	Total					25.6	97.8	0.0	3,946	320	4,266
INJ-6	40 - 50	February 2015	20	0	0.0	28.0	0.0	0.0	1,401	100	1,501
		September 2015	0	36.7	0.0	0.0	54.7	0.0	1,491	64	1,555
		January 2016	0	36.7	0.0	0.0	48.0	0.0	1,309	124	1,433
	Total					28.0	102.8	0.0	4,201	288	4,489

TABLE 1
SUMMARY OF AMENDMENT INJECTIONS

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Injection Well ID	Screened Interval (feet bgs)	Injection Dates	Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg)	Approximate Mass EOS Pro Per 1,000 Gallons of water (kg)	Approximate Mass EOS 100 Per 1,000 Gallons of water (kg)	Approximate Mass Sodium Lactate Injected (kg)	Approximate Mass EOS Pro Injected (kg)	Approximate Mass EOS 100 Injected (kg)	Injection Water Volume ^A (gal)	Flush Water Volume ^A (gal)	Total Injection Volume (gal)
INJ-7	50 - 60	February 2015	20	0	0.0	20.4	0.0	0.0	1,019	103	1,122
		July 2015	20	11	0.0	19.0	10.5	0.0	950	56	1,006
		October 2015	0	36.7	0.0	0.0	37.7	0.0	1,027	48	1,075
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		Total				39.4	84.8	0.0	3,996	257	4,253
INJ-8	40 - 50	February 2015	20	0	0.0	21.0	0.0	0.0	1,049	92	1,141
		July 2015	20	11	0.0	20.1	11.0	0.0	1,003	54	1,057
		October 2015	0	36.7	0.0	0.0	37.3	0.0	1,015	49	1,064
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		May 2018	0	73.6	0.0	0.0	69.7	0.0	947	110	1,057
		Total				41.0	154.7	0.0	5,014	355	5,369
INJ-9	50 - 60	February 2015	20	0	0.0	20.3	0.0	0.0	1,017	104	1,121
		July 2015	20	11	0.0	21.1	11.6	0.0	1,056	50	1,106
		October 2015	0	36.7	0.0	0.0	43.4	0.0	1,182	69	1,251
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		May 2018	0	73.6	0.0	0.0	36.8	0.0	500	113	613
		Total				41.5	128.5	0.0	4,755	386	5,141
INJ-10	40 - 50	February 2015	20	0	0.0	22.4	0.0	0.0	1,122	100	1,222
		July 2015	20	11	0.0	21.8	12.0	0.0	1,090	51	1,141
		October 2015	0	36.7	0.0	0.0	44.1	0.0	1,201	58	1,259
		January 2016	0	36.7	0.0	0.0	0.8	0.0	22	50	72
		May 2018	0	73.6	0.0	0.0	33.5	0.0	455	100	555
		Total				44.2	90.4	0.0	3,890	359	4,249
INJ-11	50 - 60	February 2015	20	0	0.0	20.5	0.0	0.0	1,024	100	1,124
		July 2015	20	11	0.0	9.9	5.4	0.0	494	50	544
		October 2015	0	36.7	0.0	0.0	17.1	0.0	467	26	493
		January 2016	0	36.7	0.0	0.0	4.2	0.0	115	50	165
		May 2018	0	75.9	0.0	0.0	36.4	0.0	479	84	563
		Total				30.4	63.1	0.0	2,579	310	2,889
INJ-12	40 - 50	February 2015	20	0	0.0	20.8	0.0	0.0	1,041	104	1,145
		July 2015	20	11	0.0	20.4	11.2	0.0	1,022	50	1,072
		October 2015	0	36.7	0.0	0.0	42.4	0.0	1,155	57	1,212
		January 2016	0	36.7	0.0	0.0	10.4	0.0	285	50	335
		May 2018	0	75.9	0.0	0.0	38.7	0.0	510	100	610
		Total				41.3	102.8	0.0	4,013	361	4,374

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INJ-13	35 - 45	February 2015	20	0	0.0	20.9	0.0	0.0	1,044	100	1,144
		October 2015	0	36.7	0.0	0.0	37.6	0.0	1,024	53	1,077
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		May 2018	0	75.9	0.0	0.0	68.6	0.0	903	100	1,003
	Total					20.9	142.8	0.0	3,971	303	4,274
INJ-14	37 - 47	February 2015	20	0	0.0	20.2	0.0	0.0	1,008	100	1,108
		October 2015	0	36.7	0.0	0.0	36.4	0.0	991	54	1,045
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	50	1,050
		May 2018	0	75.9	0.0	0.0	66.4	0.0	874	100	974
	Total					20.2	139.4	0.0	3,873	304	4,177
INJ-15	27 - 37	July 2015	20	11	0.0	20.7	11.4	0.0	1,034	42	1,076
		January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	155	1,155
		February 2017	0	0	94.4	0.0	0.0	178.8	1,895	100	1,995
		May 2018	0	0	169.3	0.0	0.0	255.8	1,511	104	1,615
	Total					20.7	48.1	434.6	5,440	401	5,841
INJ-16	26 - 36	January 2016	0	36.7	0.0	0.0	37.7	0.0	1,028	274	1,302
		May 2018	0	0	169.3	0.0	0.0	95.3	563	198	761
	Total					0.0	37.7	95.3	1,591	472	2,063
INJ-17	26 - 31	January 2016	0	36.7	0.0	0.0	40.8	0.0	1,112	205	1,317
		May 2018	0	0	169.3	0.0	0.0	95.0	561	135	696
	Total					0.0	40.8	95.0	1,673	340	2,013
INJ-18	25 - 30	January 2016	0	36.7	0.0	0.0	19.4	0.0	529	123	652
	Total					0.0	19.4	0.0	529	123	652
INJ-19	25 - 35	January 2016	0	36.7	0.0	0.0	45.4	0.0	1,238	195	1,433
	Total					0.0	45.4	0.0	1,238	195	1,433
INJ-20	37 - 47	January 2016	0	36.7	0.0	0.0	49.3	0.0	1,342	100	1,442
	Total					0.0	49.3	0.0	1,342	100	1,442
INJ-21	43 - 58	January 2016	0	36.7	0.0	0.0	48.3	0.0	1,315	26	1,341
	Total					0.0	48.3	0.0	1,315	26	1,341
INJ-22	43 - 53	January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	116	1,116
		April 2018	0	0	110.1	0.0	0.0	111.6	1,014	100	1,114
	Total					0.0	36.7	111.6	2,014	216	2,230
INJ-23	42 - 49	January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	55	1,055
		April 2018	0	0	110.1	0.0	0.0	110.1	1,000	100	1,100
	Total					0.0	36.7	110.1	2,000	155	2,155

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INJ-24	41 - 51	January 2016	0	36.7	0.0	0.0	36.7	0.0	1,000	184	1,184
		April 2018	0	0	110.1	0.0	0.0	111.3	1,011	104	1,115
		Total				0.0	36.7	111.3	2,011	288	2,299
INJ-25	44 - 54	January 2016	0	36.7	0.0	0.0	42.2	0.0	1,151	50	1,201
		April 2018	0	102.1	0.0	0.0	95.2	0.0	933	108	1,041
		Total				0.0	137.5	0.0	2,084	158	2,242
INJ-26	19 - 36	January 2016	0	36.7	0.0	0.0	65.6	0.0	1,787	131	1,918
		Total				0.0	65.6	0.0	1,787	131	1,918
INJ-27	33 - 43	February 2017	0	52.5	0.0	0.0	52.5	0.0	1,000	100	1,100
		Total				0.0	52.5	0.0	1,000	100	1,100
INJ-28	33 - 53	February 2017	0	52.5	0.0	0.0	106.3	0.0	2,024	100	2,124
		Total				0.0	106.3	0.0	2,024	100	2,124
INJ-29	26.5 - 36.5	February 2017	0	52.5	0.0	0.0	52.5	0.0	1,000	100	1,100
		Total				0.0	52.5	0.0	1,000	100	1,100
INJ-30	32.5 - 42.5	February 2017	0	52.5	0.0	0.0	52.5	0.0	1,000	100	1,100
		April 2018	0	167.5	0.0	0.0	161.2	0.0	962	134	1,096
		Total				0.0	213.7	0.0	1,962	234	2,196
INJ-31	40.4 - 61	February 2017	0	0	94.4	0.0	0.0	120.1	1,273	72	1,345
		May 2018	0	0	169.3	0.0	0.0	64.5	381	44	425
		Total				0.0	0.0	184.6	1,654	116	1,770
INJ-32	58.1 - 78	February 2017	0	0	29.6	0.0	0.0	59.2	2,000	0	2,000
		Total				0.0	0.0	59.2	2,000	0	2,000
INJ-33	41.1 - 61.75	February 2017	0	0	68.5	0.0	0.0	137.1	2,003	100	2,103
		April 2018	0	0	77.7	0.0	0.0	185.2	2,384	173	2,557
		Total				0.0	0.0	322.4	4,387	273	4,660
INJ-34	43.4 - 63	February 2017	0	0	68.5	0.0	0.0	113.5	1,658	100	1,758
		April 2018	0	0	77.7	0.0	0.0	61.0	785	76	861
		Total				0.0	0.0	174.5	2,443	176	2,619
INJ-35	43 - 63	February 2017	0	0	68.5	0.0	0.0	148.5	2,170	100	2,270
		April 2018	0	0	77.7	0.0	0.0	197.8	2,545	139	2,684
		Total				0.0	0.0	346.3	4,715	239	4,954
INJ-36	30.91 - 40.36	February 2017	0	89.3	0.0	0.0	70.8	0.0	793	100	893
		April 2018	0	102.1	0.0	0.0	100.8	0.0	987	100	1,087
		Total				0.0	171.5	0.0	1,780	200	1,980

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INJ-37	32.7 - 42.4	February 2017	0	89.3	0.0	0.0	101.7	0.0	1,139	125	1,264
		April 2018	0	167.5	0.0	0.0	160.8	0.0	960	108	1,068
		Total				0.0	262.5	0.0	2,099	233	2,332
INJ-38	37 - 47	April 2018	0	172.9	0.0	0.0	175.9	0.0	1,017	100	1,117
		Total				0.0	175.9	0.0	1,017	100	1,117
INJ-39	36 - 46	April 2018	0	172.9	0.0	0.0	174.1	0.0	1,007	100	1,107
		Total				0.0	174.1	0.0	1,007	100	1,107
MW-26S	37 - 47	May 2018	0	102.5	0.0	0.0	94.0	0.0	917	185	1,102
		Total				0.0	94.0	0.0	917	185	1,102
MW-29S	33 - 43	May 2018	0	102.5	0.0	0.0	102.0	0.0	995	180	1,175
		Total				0.0	102.0	0.0	995	180	1,175

Notes:

^AValues calculated from injection manifold flow meter readings

bgs - below ground surface

kg - kilogram

gal - gallons

TABLE 2
MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

WELL DESIGNATION	MW-01S			MW-02S			MW-03S			MW-04S			MW-05S			MW-06S			MW-07S		
DIAMETER	2 in			2 in			2 in			2 in			2 in			2 in			2 in		
WELL DEPTH	68.4 ft			39.9 ft			39.9 ft			22.5 ft			32.7 ft			40 ft			38 ft		
SCREEN INTERVAL	58.4 - 68.4 ft			29.9 - 39.9 ft			29 - 39 ft			12.5 - 22.5 ft			22.7 - 32.7 ft			30 - 40 ft			28 - 38 ft		
TOC ELEVATION ¹	58.521 ft			51.776 ft			46.427 ft			33.921 ft			33.353 ft			40.471 ft			47.324 ft		
SCREEN ELEVATION ¹	0.121 to -9.879 ft			21.876 to 11.876 ft			16.527 to 6.527 ft			21.421 to 11.421 ft			10.653 to 0.653 ft								
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
2/2/2011	37.54	20.98		31.99	19.79		33.13	13.30		29.31	4.61		31.94	1.41		33.66	6.81		NI	NI	
10/17/2011	39.49	19.03		32.65	19.13		33.74	12.69		30.37	3.55		32.01	1.34		33.82	6.65		31.94	15.38	
9/12/2012	38.11	20.41		31.79	19.99		33.22	13.21		30.07	3.85		31.96	1.39		33.89	6.58		31.18	16.14	
4/17/2013	NM	NM		30.94	20.84		31.98	14.45		NM	NM		NM	NM		NM	NM		30.49	16.83	
12/6/2013	NM	NM		33.82	17.96		34.56	11.87		NM	NM		32.95	0.40		34.85	5.62		33.17	14.15	
2/3/2015	NM	NM		32.03	19.75		33.20	13.23		NM	NM		31.90	1.45		33.78	6.69		31.36	15.96	
3/17/2015	NM	NM		31.28	20.50		NM	NM		NM	NM		NM	NM		NM	NM		30.66	16.66	
4/20/2015	NM	NM		30.18	21.60		NM	NM		NM	NM		NM	NM		NM	NM		29.77	17.55	
7/8/2015	NM	NM		29.81	21.97		31.07	15.36		28.30	5.62		30.40	2.95		32.22	8.25		29.30	18.02	
7/20/2016	36.89	21.63		31.44	20.34		32.52	13.91		30.82	3.10		32.07	1.28		33.30	7.17		30.72	16.60	
6/19/2017	38.29	20.23		31.55	20.23		NM	NM		NM	NM		NM	NM		NM	NM		30.87	16.45	
1/23/2018	NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		31.73	15.59	
9/19/2018	36.84	21.68		31.43	20.35		32.53	13.90		NM	NM		NM	NM		NM	NM		30.60	16.72	
WELL DESIGNATION	MW-08S			MW-09S			MW-10S			MW-11S			MW-12S			MW-13S			MW-14S		
DIAMETER	2 in			2 in			2 in			2 in			2 in			2 in			2 in		
WELL DEPTH	40 ft			21.4 ft			40 ft			40 ft			27.5 ft			40 ft			40 ft		
SCREEN INTERVAL	30 - 40 ft			11.4 - 21.4 ft			30 - 40 ft			30 - 40 ft			17.5 - 27.5 ft			30 - 40 ft			30 - 40 ft		
TOC ELEVATION ¹	50.791 ft			41.902 ft			52.875 ft			52.901 ft			44.443 ft			56.045 ft			56.051 ft		
SCREEN ELEVATION ¹	20.791 to 10.791 ft			30.502 to 20.502 ft			22.909 to 12.909 ft			22.901 to 12.901 ft			26.943 to 16.943 ft			26.045 to 16.045 ft			26.108 to 16.108 ft		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
2/2/2011	NI	NI		NI	NI		NI	NI		NI	NI		NI	NI		NI	NI		NI	NI	
10/17/2011	34.41	16.38		37.20	4.70		NI	NI		NI	NI		NI	NI		NI	NI		NI	NI	
9/12/2012	33.93	16.86		36.91	4.99		NI	NI		NI	NI		NI	NI		NI	NI		NI	NI	
4/17/2013	NM	NM		NM	NM		NI	NI		NI	NI		NI	NI		NI	NI		NI	NI	
12/6/2013	35.27	15.52		37.93	3.97		35.84	17.04		34.57	18.33		34.51	9.93		35.12	20.93		39.20	16.85	
2/3/2015	33.88	16.91		37.02	4.88		34.34	18.54		32.62	20.28		33.05	11.39		33.75	22.30		37.94	18.11	
3/17/2015	NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		32.73	23.32		NM	NM	
4/20/2015	NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		33.05	23.00		NM	NM	
7/8/2015	31.69	19.10		35.47	6.43		32.13	20.75		30.28	22.62		30.70	13.74		31.34	24.71		34.81	21.24	
7/20/2016	33.23	17.56		36.70	5.20		33.70	19.18		32.02	20.88</td										

TABLE 2
MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY
Former Wyeth, Carolina Facility, Puerto Rico

WELL DESIGNATION	MW-15S			MW-16S			MW-17S			MW-18S			MW-19S			MW-20S			MW-21S			
DIAMETER	2	in		2	in		2	in		2	in		2	in		2	in		2	in		
WELL DEPTH	32.5	ft		48	ft		50	ft		60	ft		50	ft		50	ft		47	ft		
SCREEN INTERVAL	22.5 - 32.5	ft		38 - 48	ft		40 - 50	ft		50 - 60	ft		40 - 50	ft		40 - 50	ft		37 - 47	ft		
TOC ELEVATION ¹	49.90	ft		52.314	ft		55.684	ft		55.552	ft		55.632	ft		55.459	ft		49.447	ft		
SCREEN ELEVATION ¹	27.40 to 17.40	ft		14.261 to 4.261	ft		15.684 to 5.684	ft		5.552 to -4.448	ft		15.632 to 5.632	ft		15.459 to 5.459	ft		12.734 to 2.734	ft		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	
12/6/2013	33.45	16.45		NI	NI																	
2/3/2015	31.31	18.59		33.04	19.27		33.74	21.94		33.72	21.83		NI	NI		NI	NI		NI	NI		
3/17/2015	NM	NM		32.08	20.23		32.65	23.03		32.76	22.79		NI	NI		NI	NI		NI	NI		
4/20/2015	NM	NM		30.86	21.45		32.08	23.60		32.75	22.80		NI	NI		NI	NI		NI	NI		
7/8/2015	29.22	20.68		30.73	21.58		31.32	24.36		31.32	24.23		31.17	24.46		31.10	24.36		29.48	19.97		
7/20/2016	30.73	19.17		32.43	19.88		31.03	24.65		32.43	23.12		32.82	22.81		32.77	22.69		30.98	18.47		
6/19/2017	NM	NM		30.31	22.00		33.68	22.00		33.35	22.20		NM	NM		NM	NM		31.00	18.45		
7/26/2017	NM	NM		32.97	19.34		NM	NM														
1/25/2018	NM	NM		NM	NM		NM	NM		34.07	21.48		NM	NM		NM	NM		32.10	17.35		
9/21/2018	31.37	18.53		32.35	19.96		32.38	23.30		33.05	22.50		NM	NM		32.83	22.63		30.85	18.60		
WELL DESIGNATION	MW-22S			MW-23S			MW-24S			MW-26S			MW-28S			MW-29S			MW-31S			
DIAMETER	2	in		2	in		2	in		2			2			2			2			
WELL DEPTH	30.25	ft		43	ft		40	ft		47.4			60			43.5			20			
SCREEN INTERVAL	20 - 30	ft		33 - 43	ft		30 - 40	ft		37.4 - 47.4			50 - 60			33.5 - 43.5			10 - 20			
TOC ELEVATION ¹	49.75	ft		54.110	ft		55.281	ft		56.183			NM			55.794			45.695			
SCREEN ELEVATION ¹	29.75 to 19.75	ft		21.11 to 11.11	ft		25.28 to 15.28	ft					NA									
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	
7/20/2016	30.97	18.78		35.39	18.72		31.60	23.68														
11/18/2016																21.57						
6/20/2017	NM	NM		NM	NM		NM	NM		35.98	20.20		NM	NM		36.24	19.55		30.67	15.03		
7/26/2017	NM	NM		NM	NM		NM	NM		37.43	18.75		NM	NM		NM	NM		31.05	14.65		
1/23/2018	NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		31.78	13.92		
9/24/2018	30.83	18.92		NM	NM		NM	NM		36.03	20.15		NM	24.00		NM	NM		NM	NM		

TABLE 2
MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

WELL DESIGNATION	MW-02D			MW-03D			MW-07D			MW-30D											
DIAMETER	2	in		2	in		2	in		2	in										
WELL DEPTH	87.2	ft		69	ft		98	ft		76	ft										
SCREEN INTERVAL	77.2 - 87.2	ft		69 - 79	ft		88 - 98	ft		66 - 76	ft										
TOC ELEVATION ¹	51.506	ft		46.553	ft		46.653	ft		NM	ft										
SCREEN ELEVATION ¹	-25.694 to -35.694	ft		-22.447 to -32.447	ft		-41.347 to -51.347	ft		NA	ft										
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP												
2/2/2011	33.35	18.16		33.56	12.99		NI	NI													
10/17/2011	33.90	17.61		34.10	12.45		33.58	13.07													
9/12/2012	33.05	18.46		33.61	12.94		32.77	13.88													
4/17/2013	31.89	19.62		32.31	14.24		31.64	15.01													
12/6/2013	34.69	16.82		34.93	11.62		34.45	12.20													
2/3/2015	33.16	18.35		33.56	12.99		32.88	13.77													
3/17/2015	32.35	19.16		NM	NM		31.90	14.75													
4/20/2015	30.96	20.55		NM	NM		31.05	15.60													
7/8/2015	30.87	20.64		31.41	15.14		30.59	16.06													
7/20/2016	32.49	19.02		32.88	13.67		32.24	14.41													
11/18/2016	NM	NM		NM	NM		NM	NM			16.35										
6/19/2017	32.56	18.95		NM	NM		NM	NM													
1/23/2018	NM	NM		NM	NM		33.30	13.35													
1/24/2018	33.62	17.89		NM	NM		NM	NM													
9/19/2018	32.56	18.95		NM	NM		31.97	14.68													
WELL DESIGNATION	INJ-1			INJ-2			INJ-3			INJ-4			INJ-5			INJ-6			INJ-7		
DIAMETER	6	in		6	in		6	in		2	in										
WELL DEPTH	40	ft		40	ft		40	ft		50	ft		50	ft		50	ft		60	ft	
SCREEN INTERVAL	20 - 40	ft		19 - 40	ft		19 - 40	ft		40 - 50	ft		40 - 50	ft		40 - 50	ft		50 - 60	ft	
TOC ELEVATION ¹	46.481	ft		48.513	ft		49.394	ft		52.453	ft		52.655	ft		53.260	ft		55.770	ft	
SCREEN ELEVATION ¹	26.481 to 6.481	ft		29.340 to 8.340	ft		29.721 to 8.721	ft		12.453 to 2.453	ft		12.655 to 2.655	ft		13.260 to 3.260	ft		5.770 to -4.230	ft	
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
2/3/2015	NM	NM		31.75	16.76		NM	NM		NM	NM		33.01	19.65		NM	NM		NM	NM	
7/8/2015	29.31	17.17		29.66	18.85		30.16	19.23		30.51	21.94		30.70	21.96		30.72	22.54		31.31	24.46	
7/20/2016	30.27	16.21		30.64	17.87		31.01	18.38		32.52	19.93		32.48	20.18		31.46	21.80		32.77	23.00	
7/26/2017	NM	NM		NM	NM		NM	NM		32.55	19.90		32.83	19.83		33.46	19.80		NM	NM	
1/23/2018	NM	NM		NM	NM		32.21	17.18		NM	NM										

TABLE 2
MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

TABLE 2
MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

WELL DESIGNATION	INJ-22			INJ-23			INJ-24			INJ-25			INJ-26			INJ-27			INJ-28		
DIAMETER	2	in	2	in	2	in	2	in	2	in	2	in	2	in	2	in	2	in			
WELL DEPTH	53.5	ft	49.5	ft	51.25	ft	54	ft	36.3	ft	43	ft	53	ft							
SCREEN INTERVAL	43.5 - 53.5	ft	42.5 - 49.5	ft	41 - 51	ft	44 - 54	ft	19.5 - 36.3	ft	33 - 43	ft	33 - 53	ft							
TOC ELEVATION ¹	55.080	ft	55.01	ft	54.98	ft	56.04	ft	52.54	ft	53.78	ft	53.93	ft							
SCREEN ELEVATION ¹	11.58 to 1.58	ft	12.51 to 5.51	ft	13.98 to 3.98	ft	12.15 to 2.15	ft	33.04 to 16.24	ft	20.78 to 10.78	ft	20.93 to 0.93	ft							
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP			
7/20/2016	32.57	22.51		32.60	22.41		32.65	22.33		34.63	21.41		31.23	21.31		34.97	18.81		32.55	21.38	
6/19/2017	NM	NM		NM	NM		32.78	22.20		NM	NM		NM	NM		NM	NM		NM	NM	
7/27/2017	33.33	21.75		NM	NM		NM	NM		35.14	20.90		NM	NM		NM	NM		NM	NM	
1/25/2018	NM	NM		35.81	19.20		33.69	21.29		NM	NM		NM	NM		NM	NM		NM	NM	
9/19/2018	NM	NM		NM	NM		32.13	22.85		35.04	21.00		NM	NM		NM	NM		NM	NM	
WELL DESIGNATION	INJ-29			INJ-30			INJ-31			INJ-32			INJ-33			INJ-34			INJ-35		
DIAMETER	2	in	2	in	6	in	6	in	6	in	6	in	6	in	6	in	6	in	6	in	
WELL DEPTH	36.5	ft	42.5	ft	61	ft	78	ft	61.8	ft	63	ft	63	ft	63	ft	63	ft	63	ft	
SCREEN INTERVAL	26.5 - 36.5	ft	32.5 - 42.5	ft	41 - 61*	ft	58 - 78*	ft	41.1 - 61.8*	ft	43 - 63*	ft	43 - 63*	ft	43 - 63*	ft	43 - 63*	ft	43 - 63*	ft	
TOC ELEVATION ¹	53.786	ft	55.50	ft	NM	ft	NM	ft	51.624	ft	51.942	ft	51.942	ft	51.882	ft	51.882	ft			
SCREEN ELEVATION ¹	27.286 to 17.286	ft	23.0 to 13.0	ft	NA	ft	NA	ft	NA	ft	NA	ft	NA	ft	NA	ft	NA	ft	NA	ft	
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP						
7/20/2016	32.54	21.25		33.86	21.64																
11/17/2016	NM	NM		NM	NM		NM	NM		19.25		33.62	18.00		34.04	17.90		33.88	18.00		
7/26/2017	NM	NM		NM	NM		NM	NM		NM	NM		NM	NM		33.04	18.90		NM	NM	
1/24/2018	33.17	20.62		35.30	20.20		NM	NM		NM	NM		NM	NM		33.34	18.60		NM	NM	
9/19/2018	NM	NM		34.15	21.35		NM	NM		NM	NM		NM	NM		NM	NM		NM	NM	

TABLE 2
MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (*Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date	5	5	7	70	70	2	NA	NA	NA	NA
MCL		5	5	7	70	70	2	NA	NA	NA	NA
MW-01S	02/02/2011	0.5	2.8	1.2	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM
	10/17/2011	0.64 I	3.2	0.80 I	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM
	09/12/2012	0.72 I	2.3	0.50 U	0.50 U	0.50 U	0.50 U	1.2	0.12 I	0.20 U	0.037 I
	09/19/2018	1.0	1.6	0.50 U	0.50 U	0.50 U	1.0	NM	NM	NM	NM
MW-02S	02/02/2011	1.4	1,630	9.9	1,490	1,500	303	NM	NM	NM	NM
	10/18/2011	1.6	1,830	7.9	1,780	1,790	253	NM	NM	NM	NM
	09/11/2012	1.4	1,090	7.7	1,200	1,200	222	1.7	410	5.3	4.3
	04/17/2013	1.5	776	9.4	1,280	1,290	130	NM	NM	NM	NM
	12/04/2013	1.3	1,330	7.3	1,390	1,400	329	1.9	600	0.87	1.7
	02/03/2015	1.6	1,550	8.3	1,710	1,730	248	1.8	NM	NM	NM
	03/16/2015	1.3	1,230	7.4	1,370	1,380	186	1.9	200	5.0	2.8
	04/21/2015	1.6	1,260	9.3	1,440	1,450	157	1.9	150	3.9	2.3
	07/17/2015	NM	NM	NM	NM	NM	NM	2.87	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	1.51	NM	NM	NM
	08/07/2015	1.4	1,560	8.3	1,640	1,660	257	1.90	NM	NM	NM
	01/17/2016	0.50 U	278	1.9	381	393	19.3	0.89 I	NM	NM	NM
	04/18/2016	0.56 I	661	5.0	1,080	1,110	354	1.90	NM	NM	NM
	07/26/2016	50.0 U	1,350	50.0 U	1,420	1,550	318	NM	NM	NM	NM
	12/21/2016	0.50 U	353	4.1	621	770	193	NM	NM	NM	NM
	06/20/2017	0.50 U	106	1.9	494	692	185	NM	NM	NM	NM
	09/21/2018	12.5 U	15.0 I	12.5 U	744	928	218	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-02D	02/02/2011	0.50 U	523	4.6	431	439	53.6	NM	NM	NM	NM
	10/18/2011	0.50 U	310	3.3	716	734	32.0	NM	NM	NM	NM
	09/11/2012	0.50 U	205	2.9	379	391	34.2	1.1	430	0.30	1.4
	04/17/2013	0.50 U	104	4.3	257	303	20.1	NM	NM	NM	NM
	12/03/2013	0.50 U	347	4.9	653	671	46.0	1.4	350	5.0	3.7
	02/03/2015	0.50 U	341	2.1	481	496	20.5	1.0	NM	NM	NM
	03/16/2015	0.50 U	235	2.1	439	449	17.7	1.1	260	0.23	0.40
	04/21/2015	0.50 U	274	2.7	380	393	18.8	1.1	240	0.23	0.32
	07/26/2016	12.5 U	336	12.5 U	476	495	35.3	NM	NM	NM	NM
	12/21/2016	0.50 U	175	2.2	291	303	27.1	NM	NM	NM	NM
	06/20/2017	0.50 U	320	3.9	571	592	61.5	NM	NM	NM	NM
	01/24/2018	0.50 U	269	8.2	1,250	1,310	166	NM	NM	NM	NM
	09/19/2018	12.5 U	118	12.5 U	775	818	84.0	NM	NM	NM	NM
MW-03S	02/02/2011	85.4	20	6.9	32.2	32.6	4.3	NM	NM	NM	NM
	10/18/2011	133	34.3	7.5	46.9	47.3	4.1	NM	NM	NM	NM
	09/12/2012	110	30.0	7.5	46.6	46.8	4.2	1.4	1.0	0.19 I	0.14 I
	04/17/2013	68	37.9	9.8	54.4	54.9	3.5	NM	NM	NM	NM
	12/04/2013	132	36.8	7.2	45.9	46.2	6.3	1.5	0.46	0.16 I	0.045 I
	09/20/2018	89.0	22.9	3.5	27.2	27.5	2.1	NM	NM	NM	NM
MW-03D	02/02/2011	0.50 U	1.9	0.5	1.2	0.50 U	0.50 U	NM	NM	NM	NM
	10/18/2011	0.50 U	2.4	0.57 I	1.7	1.8	0.50 U	NM	NM	NM	NM
	09/12/2012	0.50 U	1.2	0.50 U	1.1	1.2	0.50 U	1.2	9.4	0.030 I	0.15 I
	04/17/2013	0.50 U	1.6	0.5	1.5	2.1	0.50 U	NM	NM	NM	NM
	12/04/2013	5.4	1.3	0.70 I	1.6	2.2	0.50 U	1.2	7.7	0.048 I	0.36
MW-04S	02/02/2011	0.50 U	0.50 U	0.5	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM
	10/17/2011	0.50 U	0.50 U	0.58 I	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM
	09/12/2012	0.50 U	0.50 U	0.54 I	0.50 U	0.50 U	0.50 U	0.50 U	9.1	0.010 I	0.027 I

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-05S	02/02/2011	0.50 U	1.8	1.7	0.5	0.5	0.50 U	NM	NM	NM	NM
	10/17/2011	0.50 U	2.4	0.74 I	0.59 I	0.59 I	0.50 U	NM	NM	NM	NM
	09/12/2012	0.50 U	2.1	1.1	0.74 I	0.74 I	0.50 U	0.72 I	2.6	0.070 I	0.064 I
	12/05/2013	0.50 U	3.7	1.2	0.79 I	0.79 I	0.50 U	1.1	1.9	0.018 U	0.022 I
MW-06S	02/02/2011	0.50 U	19	7.4	4.1	4.1	0.50 U	NM	NM	NM	NM
	10/18/2011	0.50 U	17.9	5.9	4.4	4.4	0.50 U	NM	NM	NM	NM
	09/11/2012	0.50 U	17.8	5.0	3.5	3.5	0.50 U	0.91 I	3.0	0.017 I	0.052 I
	12/05/2013	0.50 U	26.0	6.3	4.4	4.5	0.50 U	0.76 I	3.3	0.018 U	0.030 I
MW-07S	10/17/2011	2.2	538	2.1	324	327	41.6	NM	NM	NM	NM
	09/11/2012	2.1	467	2.7	309	312	77.2	1.8	0.20 U	0.20 U	0.20 U
	04/17/2013	3.0	375	4.1	403	408	70.8	NM	NM	NM	NM
	12/03/2013	1.9	703	3.5	494	497	99.2	2.3	120	2.0	0.63
	02/03/2015	1.7	666	2.4	509	519	68.7	2.1	NM	NM	NM
	03/17/2015	1.5	645	3.6	547	552	92.5	2.0	72	1.8	0.62
	04/22/2015	2.0	744	4.5	636	643	100	2.0	75	2.2	0.69
	07/17/2015	NM	NM	NM	NM	NM	NM	57.6	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	10.5	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	3.61	NM	NM	NM
	07/31/2015	1.2 U	68.9	6.2	1,536	1,546	1.2 U	NM	NM	NM	NM
	08/11/2015	2.5 U	315	4.7 I	1,210	1,220	116	2.4	NM	NM	NM
	01/17/2016	0.50 U	3.1	0.50 U	11.4	25.1	1,060	48.0	NM	NM	NM
	04/18/2016	0.50 U	23.6	0.76 I	77.8	84.8	186	4.6	NM	NM	NM
	07/26/2016	2.5 U	14.7	2.5 U	248	300	223	2.8	5,370	3.8 I	92.7
	12/21/2016	0.50 U	0.50 U	1.5	285	358	193	NM	NM	NM	NM
	06/20/2017	0.50 U	0.66 I	0.50 U	23	34	23	NM	1,330	4.9 U	6.9 I
	01/23/2018	0.50 U	0.50 U	0.59 I	209	275	170	NM	NM	NM	NM
	09/24/2018	0.50 U	0.80 I	0.74 I	301	377	197	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-07D	10/17/2011	0.50 U	12.5	0.50 U	116	134	1.9	NM	NM	NM	NM
	09/11/2012	0.50 U	0.50 U	0.50 U	90.5	109	1.7	1.4	140	0.080 I	0.73
	04/17/2013	0.50 U	7.8	0.50 U	95.4	122	2.3	NM	NM	NM	NM
	12/03/2013	0.50 U	3.1	0.50 U	114	139	2.4	1.4	340	0.051 I	2.1
	02/03/2015	0.50 U	0.50 U	0.50 U	141	182	1.2	1.5	NM	NM	NM
	03/16/2015	0.50 U	0.50 U	0.50 U	155	188	1.4	1.2	590	0.02	1.2
	04/21/2015	0.50 U	3.0	0.50 U	172	215	3.1	1.1	330	0.03	1.0
	07/17/2015	NM	NM	NM	NM	NM	NM	3.28	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	3.83	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	3.39	NM	NM	NM
	08/11/2015	0.50 U	0.59 I	0.50 U	133	163	4.6	1.2	NM	NM	NM
	12/21/2016	0.50 U	3.9	0.50 U	118	148	8.6	NM	NM	NM	NM
	01/23/2018	0.50 U	0.50 U	0.50 U	0.50 U	0.86 I	0.52 I	NM	NM	NM	NM
	09/25/2018	0.50 U	0.50 U	0.50 U	1.1	1.4	0.50 U	NM	NM	NM	NM
MW-08S	10/17/2011	25.9	12.1	2.3	10	10	2.1	NM	NM	NM	NM
	09/12/2012	31.4	11.3	2.4	10.7	10.7	0.50 U	1.2	0.35	0.059 I	0.086 I
	12/05/2013	10.9	4.3	0.85 I	2.9	2.9	0.50 U	1.2	0.48	0.018 U	0.035 I
MW-09S	10/17/2011	0.50 U	14.3	9.2	0.99 I	0.99 I	0.50 U	NM	NM	NM	NM
	09/11/2012	0.50 U	13.7	8.5	0.76 I	0.76 I	0.50 U	1.0 I	0.68	0.20 U	0.050 I
	12/04/2013	0.50 U	13.7	8.1	0.85 I	0.85 I	0.50 U	0.94 I	1.3	0.018 U	0.026 I
	09/20/2018	0.50 U	8.1	4.0	0.86 I	0.97 I	0.50 U	NM	NM	NM	NM
MW-10S	12/03/2013	29.7	11.6	2.8	10.8	10.8	1.3	1.8	1.0	0.37	0.032 I
	09/20/2018	30.6	14.4	2.8	18.1	18.3	1.8	NM	NM	NM	NM
MW-11S	12/03/2013	0.50 U	62.6	0.50 U	8.1	8.8	1.3	2.3	8.6	2.0	0.84
	09/21/2018	0.74 I	128	0.94 I	30.0	34.3	4.1	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-12S	12/02/2013	28.3	109	2.9	44.0	44.6	1.6	1.2	4.2	0.49	0.53
	09/20/2018	14.5	119	1.3	32.1	32.9	0.72 I	NM	NM	NM	NM
MW-13S	12/02/2013	3.5	3,510	12.1	2,610	2,640	429	2.5	550	14	13
	12/2/2013 ¹	3.2	2,770	13.9	1,890	1,920	324	NM	540	14	14
	03/16/2015	0.85 I	1,310	5.3	1,630	1,640	134	4.9	100	2.0	3.2
	04/20/2015	1.3	1,390	14.0	3,100	3,140	274	4.6	210	5.3	10
	04/19/2016	0.50 U	1.2	0.50 U	2.6	18.4	5.1	12.8	NM	NM	NM
	07/25/2016	0.50 U	89.9	6.2	2,040	2,080	553	NM	NM	NM	NM
	12/21/2016	0.50 U	31.1	0.50 U	158	347	74	NM	NM	NM	NM
	06/20/2017	0.50 U	161	2.5	256	606	85.1	NM	NM	NM	NM
	01/25/2018	0.50 U	11.4	0.50 U	76.2	502	109	NM	NM	NM	NM
	09/17/2018	0.50 U	0.91 I	0.50 U	2.1	10.6	9.6	NM	NM	NM	NM
MW-14S	12/04/2013	0.50 U	1.2	0.50 U	0.50 U	0.50 U	0.50 U	1.8	12.0	5.2	0.13 I
MW-15S	12/02/2013	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	3.3	52	11	2.9
	09/21/2018	0.50 U	1.5	0.50 U	0.50 U	0.50 U	0.50 U	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-16S	02/03/2015	3.9	4,000	20.3	4,210	4,300	547	2.5	1,000	24	14
	03/16/2015	3.5	2,370	16.3	3,180	3,210	397	2.6	800	13	8.4
	04/21/2015	3.4	2,630	20.0	2,980	3,010	383	2.5	740	15	8.3
	07/17/2015	NM	NM	NM	NM	NM	NM	3	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	2	NM	NM	NM
	08/07/2015	2.8	3,560	18.0	3,940	4,100	709	2.9	NM	NM	NM
	12/04/2015	0.50 U	144	0.50 U	969	1,000	2,570	7.9	NM	NM	NM
	01/17/2016	0.50 U	290	3.2	737	791	1,020	3.7	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	3.9	NM	NM	NM
	07/26/2016	0.50 U	58.7	0.57 I	159	307	117	3.9	7,410	31.6	62.6
	12/21/2016	0.50 U	21.6	0.50 U	194	378	156	NM	NM	NM	NM
	06/20/2017	0.50 U	33.8	1.2	360	645	237	NM	2,260	85.6	63.3
	09/19/2018	12.5 U	12.5 U	12.5 U	727	999	903	NM	NM	NM	NM
MW-17S	02/04/2015	1.4	5,930	62.1	9,380	9,530	658	4.2	1,200	41	10
	03/16/2015	0.50 U	826	59.4	10,200	10,300	1,080	7.7	540	18	5.8
	04/20/2015	0.73 I	2,020	67.7	9,080	9,220	810	4.3	920	38	11
	07/08/2015	NM	NM	NM	NM	NM	NM	1,629	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	1,652	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	1,479	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	1,522	NM	NM	NM
	08/07/2015	0.50 U	0.83 I	0.99 I	4.9	85	1,830	436	NM	NM	NM
	09/11/2015	6.0 U	6.0 U	6.0 U	409	409	26.0	451	NM	NM	NM
	12/04/2015	0.50 U	0.80 I	0.50 U	4.5	10.6	18.3	245	NM	NM	NM
	07/27/2016	0.50 U	25.2	0.50 U	7.5	11.1	16.4	28.4	2,150	11.4	5.4 I
	12/21/2016	0.50 U	3.4	0.50 U	19.9	35.2	26.6	NM	NM	NM	NM
	06/21/2017	0.50 U	11.0	1.3	300	482	260	NM	NM	NM	NM
	09/17/2018	0.50 U	1.5	0.50 U	13.5	20.2	27.5	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-18S	02/04/2015	0.68 I	3,190	36.6	5,440	5,530	354	3.2	1,200	21	5
	03/16/2015	0.50 U	220	42.6	8,160	8,250	414	4.3	960	16	3.9
	04/20/2015	0.50 U	917	45.2	5,340	5,430	449	4.4	790	16	5.0
	07/08/2015	NM	NM	NM	NM	NM	NM	1,290	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	1,269	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	892	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	649	NM	NM	NM
	08/07/2015	0.50 U	0.50 U	0.50 U	2.3	61.9	1,820	424	NM	NM	NM
	09/11/2015	12.0 U	12.0 U	12.0 U	54.8	86.9	114	556	NM	NM	NM
	06/20/2017	0.50 U	108	1.8	341	571	773	NM	NM	NM	NM
	01/25/2018	0.50 U	3.2	0.54 I	134	375	343	NM	NM	NM	NM
MW-19S	09/17/2018	0.50 U	0.50 U	0.50 U	2.0	5.2	4.1	NM	NM	NM	NM
	07/07/2015	1.2 U	556	12.8	4,502	4,543	317	3.43	NM	NM	NM
	07/10/2015	NM	NM	NM	NM	NM	NM	286	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	225	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	149	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	91.9	NM	NM	NM
	08/07/2015	0.50 U	8.8	0.50 U	166	212	486	29.9	NM	NM	NM
	09/11/2015	12.0 U	12.0 U	12.0 U	12.0 U	28.4	12.0 U	3.74	NM	NM	NM
	04/19/2016	0.50 U	0.50 U	0.50 U	2.4	5.4	5	3.4	NM	NM	NM
	12/21/2016	0.50 U	1.8	0.50 U	12.3	22.0	11	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-20S	07/07/2015	1.2 U	532	9.00	2,544	2,568	181	1.64	NM	NM	NM
	07/10/2015	NM	NM	NM	NM	NM	NM	216	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	35.7	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	6.36	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	8.55	NM	NM	NM
	08/07/2015	0.50 U	151	4.4	645	670	426	2.30	NM	NM	NM
	09/11/2015	12.0 U	12.0 U	12.0 U	12.0 U	35.6	12.0 U	188	NM	NM	NM
	01/17/2016	0.50 U	113	1.6	193	244	61.3	2.2	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	2.2	NM	NM	NM
	07/27/2016	0.50 U	103	1.8	159	224	68.8	NM	NM	NM	NM
MW-21S	09/18/2018	0.50 U	13.7	1.1	120	203	77.2	NM	NM	NM	NM
	07/10/2015	1.2 U	1,649	7.0	3,282	3,292	298	2.16	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	131	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	6.47	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	3.10	NM	NM	NM
	07/31/2015	1.2 U	1,511	7.0	1,608	1,621	1.2 U	NM	NM	NM	NM
	08/11/2015	2.5 U	1,970	8.2	1,480	1,490	214	2.4	NM	NM	NM
	04/18/2016	0.50 U	141	3.9	776	793	816	2.5	NM	NM	NM
	07/26/2016	12.5 U	161	12.5 U	1,400	1,460	457	NM	NM	NM	NM
	12/21/2016	0.50 U	119	5.4	858	948	232	NM	NM	NM	NM
	06/20/2017	0.50 U	10.6	0.63 I	159	205	117	NM	884	12.5	4.0 I
MW-22S	01/23/2018	0.50 U	43.0	2.9	785	938	351	NM	NM	NM	NM
	09/24/2018	0.50 U	8.1	0.98 I	348	460	253	NM	NM	NM	NM
	01/17/2016	0.50 U	5.9	0.50 U	2.8	3.0	1.0	5.6	NM	NM	NM
MW-23S	09/24/2018	0.50 U	1.3	0.50 U	1.1	1.1	0.50 U	NM	NM	NM	NM
	01/17/2016	1.2	246	2.5	35.9	40.2	2.4	1.6	NM	NM	NM
	07/27/2016	1.3	263	3.8	42.5	48.8	3.0	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
MW-24S	01/17/2016	0.50 U	153	0.50 U	56.5	57	18.0	2.6	NM	NM	NM
	04/20/2016	0.50 U	55.6	0.55 I	102	103	7.6	3.3	NM	NM	NM
	07/27/2016	0.50 U	145	0.66 I	53.4	53.9	6.3	NM	NM	NM	NM
	12/21/2016	0.50 U	109	0.50 U	36.3	37.0	5.6	NM	NM	NM	NM
MW-26S	06/21/2017	17.7	684	1.3	69.1	74.5	37.9	NM	NM	NM	NM
	09/18/2018	0.50 U	0.55 I	0.50 U	2.0	6.1	9.5	NM	NM	NM	NM
MW-28S	11/18/2016	0.50 U	35.2	0.50 U	7.1	7.5	0.50 U	NM	NM	NM	NM
	09/19/2018	0.50 U	72.8	0.74 I	15.4	19.5	4.4	NM	NM	NM	NM
MW-29S	06/21/2017	0.50 U	26.0	0.50 U	8.7	9.2	2.0	NM	41.2	4.9 U	0.68 U
MW-30D	11/18/2016	0.50 U	4.8	0.50 U	2.3	2.4	0.50 U	NM	NM	NM	NM
MW-31S	06/20/2017	0.61 I	119	0.50 U	23.2	39.2	19.4	NM	NM	NM	NM
	01/23/2018	0.50 U	6.5	0.50 U	15.7	23.9	26.6	NM	NM	NM	NM
	09/25/2018	0.50 U	6.7	0.50 U	40.6	51.3	42.6	NM	NM	NM	NM
INJ-1	07/17/2015	NM	NM	NM	NM	NM	NM	488	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	452	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	92.6	NM	NM	NM
	08/11/2015	2.5 U	2.5 U	2.5 U	25.5	47.6	543	117	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-2	02/03/2015	1.4	1,170	4.2	982	1,020	146	NM	NM	NM	NM
	04/21/2015	1.7	1,250	7.4	1,200	1,210	162	1.9	900	4.6	1.6
	07/17/2015	NM	NM	NM	NM	NM	NM	775	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	703	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	556	NM	NM	NM
	07/31/2015	1.2 U	2.8	3.0	931	936	1.2 U	NM	NM	NM	NM
	08/11/2015	2.5 U	2.5 U	4.3 I	1,470	1,480	91.8	687	NM	NM	NM
INJ-3	04/22/2015	1.8	1,750	9.3	1,480	1,490	183	2.2	590	5.0	1.6
	07/17/2015	NM	NM	NM	NM	NM	NM	5,145	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	739	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	231	NM	NM	NM
	08/11/2015	2.5 U	5.2	10.1	3,540	3,560	206	94.7	NM	NM	NM
	07/28/2016	0.50 U	11.2	0.50 U	48.0	88.7	160	8.2	NM	NM	NM
	01/23/2018	0.50 U	0.50 U	0.50 U	9.5	13.2	11.2	NM	NM	NM	NM
INJ-4	07/17/2015	NM	NM	NM	NM	NM	NM	2.90	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	1.64	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	1.37	NM	NM	NM
	08/11/2015	2.5 U	1,290	6.6	1,540	1,580	159	1.5	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	126	NM	NM	NM
	07/27/2017	0.50 U	7.5	0.50U	169	218	78	13.4	NM	NM	NM
INJ-5	02/03/2015	3.1	2,260	13.8	3,000	3,050	373	NM	NM	NM	NM
	04/21/2015	1.7	1,210	14.7	2,650	2,690	304	2.3	1,400	12	6.7
	07/26/2017	0.50 U	0.61 I	0.50 U	177	363	172	8.7	NM	NM	NM
INJ-6	04/21/2015	3.2	2,210	16.9	3,710	3,750	451	3.3	650	25	12
	04/19/2016	NM	NM	NM	NM	NM	NM	55	NM	NM	NM
	07/27/2017	0.50 U	0.56 I	6.1	1,840	2,340	1,000	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-7	04/20/2015	0.50 U	29.6	1.5	315	331	119	2.5	360	1.5	110
	07/17/2015	NM	NM	NM	NM	NM	NM	116	NM	NM	NM
	08/07/2015	0.50 U	0.50 U	0.50 U	2.4	10.6	39.8	274	NM	NM	NM
	01/17/2016	0.50 U	19.9	0.50 U	27.6	54.1	48.1	6.3	NM	NM	NM
INJ-8	07/17/2015	NM	NM	NM	NM	NM	NM	6,110	NM	NM	NM
	08/07/2015	0.50 U	0.50 U	0.50 U	10.6	19.6	17.9	522	NM	NM	NM
INJ-9	02/04/2015	0.50 U	1,600	24.4	3,860	3,920	379	NM	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	1,041	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	1,031	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	470	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	297	NM	NM	NM
	08/07/2015	0.50 U	0.61 I	0.50 U	5.9	34.9	420	344	NM	NM	NM
	09/11/2015	NM	NM	NM	NM	NM	NM	226	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	21.2	NM	NM	NM
INJ-10	02/03/2015	0.50 U	2,020	37.0	4,690	4,780	444	NM	NM	NM	NM
	04/20/2015	0.50 U	634	29.7	4,970	5,510	1,090	4.8	820	16	5.7
	07/13/2015	NM	NM	NM	NM	NM	NM	1,654	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	591	NM	NM	NM
	07/24/2015	NM	NM	NM	NM	NM	NM	1,231	NM	NM	NM
	08/07/2015	0.50 U	0.85 I	0.50 U	14.2	53.3	1,410	531	NM	NM	NM
	09/11/2015	NM	NM	NM	NM	NM	NM	3.57	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	71.5	NM	NM	NM
INJ-11	07/17/2015	NM	NM	NM	NM	NM	NM	1,254	NM	NM	NM
	08/07/2015	0.50 U	1.5	0.50 U	25.2	26.7	4.9	921	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene (Total)*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-12	04/20/2015	0.50 U	169	15.8	1,250	1,370	236	4.2	510	1.1	28
	07/17/2015	NM	NM	NM	NM	NM	NM	1,300	NM	NM	NM
	08/07/2015	0.50 U	0.50 U	0.50 U	7.3	59.6	167	801	NM	NM	NM
INJ-15	07/10/2015	1.2 U	1,225	7.50	1,170	1,180	235	NM	NM	NM	NM
	07/17/2015	NM	NM	NM	NM	NM	NM	1,403	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	734	NM	NM	NM
	07/28/2015	NM	NM	NM	NM	NM	NM	223	NM	NM	NM
	07/31/2015	1.2 U	595	7.3	2,022	2,030	1.2 U	NM	NM	NM	NM
	08/11/2015	2.5 U	3.2 I	12.5	3,630	3,670	220	70.4	NM	NM	NM
	01/17/2016	0.50 U	0.54 I	0.50 U	29.9	33.0	291	72.3	NM	NM	NM
INJ-16	01/17/2016	2.0	1,810	8.2	1,810	1,830	421	2.7	NM	NM	NM
	04/18/2016	0.50 U	35.6	0.50 U	203	229	163	10.6	NM	NM	NM
	07/27/2017	0.50 U	6.7	2.2	639	829	193	3.7	NM	NM	NM
INJ-17	01/17/2016	1.1	786	2.0	184	189	12.4	3.1	NM	NM	NM
INJ-18	01/17/2016	2.1	1,760	10	2,290	2,310	508	3.3	NM	NM	NM
	04/19/2016	NM	NM	NM	NM	NM	NM	46.8	NM	NM	NM
	07/27/2017	0.50 U	19.4	2.6	669	854	138	6.9	NM	NM	NM
INJ-20	01/17/2016	0.50 U	391	1.5	222	224	17.7	1.0	NM	NM	NM
INJ-21	01/17/2016	0.50 U	252	1.0	105	106	4.8	1.1	NM	NM	NM
INJ-22	07/27/2017	0.50 U	35	3.5	754	1,070	209	2.6	NM	NM	NM
INJ-23	01/17/2016	2.0	1,250	12.2	3,150	3,170	820	2.9	NM	NM	NM
	01/25/2018	0.50 U	19.7	5.1	1,200	1,890	1,910	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-24	01/17/2016	5.9	3,870	9.9	1,610	1,630	238	2.3	NM	NM	NM
	04/20/2016	0.50 U	0.50 U	0.50 U	12.8	23.3	8.1	220	NM	NM	NM
	07/27/2016	0.50 U	22.5	0.50 U	49.9	55.1	18.8	26.6	NM	NM	NM
	06/20/2017	0.70 I	1,120	5.4	1,240	1,970	328	NM	NM	NM	NM
	01/25/2018	0.50 U	763	8.2	1,450	2,310	253	NM	NM	NM	NM
	09/19/2018	0.50 U	16.3	0.50 U	120	152	7.7	NM	NM	NM	NM
INJ-25	07/27/2017	0.50 U	217	7.6	942	1,190	353	5.1	NM	NM	NM
	09/18/2018	0.50 U	0.50 U	0.50 U	2.2	6.6	3.7	NM	NM	NM	NM
INJ-26	01/17/2016	0.67 I	155	1.1	134	135	21.4	2.0	NM	NM	NM
INJ-27	07/26/2016	0.61 I	237	2.6	33.1	37.2	2.9	NM	NM	NM	NM
INJ-28	07/26/2016	0.50 U	191	0.50 U	21.6	22.4	1.6	NM	NM	NM	NM
INJ-29	07/26/2016	0.90 I	1,740	1.4	244	249	8.0	2.0	NM	NM	NM
	01/24/2018	0.50 U	0.55 I	0.50 U	3.7	5.0	3.4	NM	NM	NM	NM
INJ-30	07/27/2016	2.4	2,180	11.3	279	301	35.7	NM	NM	NM	NM
	01/24/2018	0.80 I	561	3.7	375	388	262	NM	NM	NM	NM
	09/19/2018	0.50 U	4.9	0.50 U	43.4	47.6	3.3	NM	NM	NM	NM
INJ-31	11/17/2016	0.50 U	146	0.86 I	49.4	51.3	4.4	NM	NM	NM	NM
INJ-32	11/17/2016	0.50 U	2.7	0.50 U	1.4	1.4	0.50 U	NM	NM	NM	NM
INJ-33	11/18/2016	0.50 U	928	6.6	1,170	1,260	198.0	NM	NM	NM	NM

TABLE 3
GROUNDWATER ANALYTICAL SUMMARY
CONSTITUENTS OF CONCERN

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,2-Dichloroethene [Total]*	Vinyl Chloride	Total Organic Carbon	Methane	Ethane	Ethene
Location	Date										
INJ-34	11/17/2016	0.50 U	1,180	5.5	1,280	1,360	221	NM	NM	NM	NM
	07/26/2017	0.50 U	44.2	0.89 I	81.9	84.9	10.8	1,140	NM	NM	NM
	01/24/2018	0.50 U	32.6	0.85 I	162	167	36.6	NM	NM	NM	NM
INJ-35	11/17/2016	0.53 I	769	3.7	1,170	1,340	263	NM	NM	NM	NM
INJ-36	11/18/2016	15.5	4,770	3.6	547	567	93.1	NM	NM	NM	NM
	06/20/2017	0.50 U	147	2.8	1,010	1,020	198	NM	NM	NM	NM
	01/24/2018	0.50 U	5.7	0.50 U	13.4	26.9	285	NM	NM	NM	NM
INJ-37	11/18/2016	8.2	897	4.7	105	115	18.4	NM	NM	NM	NM
	09/18/2018	0.50 U	2.9	0.50 U	32.1	34.9	1.3	NM	NM	NM	NM
INJ-38	06/20/2017	3.2	3,440	2.8	390	406	22.5	NM	NM	NM	NM
	09/19/2018	0.50 U	0.60 I	0.50 U	3.1	8.1	13.0	NM	NM	NM	NM
INJ-39	06/21/2017	1.2	1,180	18.3	1,140	1,160	191	NM	505	7.2 I	2.1 I
	09/18/2018	0.50 U	0.50 U	0.50 U	1.7	18.8	5.4	NM	NM	NM	NM

Notes:

All analytical results reported in micrograms per liter ($\mu\text{g/L}$); except TOC which is in milligrams per liter (mg/L).

MCL - Federal Maximum Contaminant Level from <http://water.epa.gov/drink/contaminants/index.cfm#List> as of October 11, 2010.

U - Indicates the compound was analyzed for but not detected at a concentration greater than the shown MDL.

I - The reported value is between the laboratory MDL and the laboratory practical quantitation limit (PQL).

MDL - Method Detection Limit

NM - Not Measured

Bold denotes a detection above laboratory method detection limit

Thick solid line indicates injection event took place in the area of the specified well between sampling events

¹Duplicate sample

Shaded - Concentration is greater than MCL

*Total 1,2-Dichloroethene is for the *cis* and *trans* isomers.

The Federal MCL of 70 micrograms per liter is for the *cis* isomer as it is the more stringent value.

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-01S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.94	28.98	951	0.61	< 10	88.1
	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.74	29.24	985	0.45	17.9	61.2
	09/12/2012	46.1	20.0 U	156	2.5 U	NM	NM	0.92	73.8	53.5	2.0 U	12.5 U	1.2	291	7.26 J	30.72	941	0.47	6.30 J	-54.4 J
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.98	29.7	656	0.25	1.40	-210.5
MW-02S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	28.89	1,464	0.77	> 1,000	52.3
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.54	27.13	1,328	0.99	18.9	124.6
	09/11/2012	20.0 U	20.0 U	116	116	NM	NM	0.18	165	37.5	2.0 U	27.6	1.7	385	8.97 J	29.93	1,272	0.75	0.74 J	111.9 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.67	29.27	1,271	0.47	NM	125.0
	12/03/2013	218	119	79.0	78.4	0.86	0.072 U	0.86	166	49.8	NM	NM	1.9	387	6.66	27.63	1,311	0.57	10.2	82.0
	02/03/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.8	NM	6.65	27.45	1,300	0.43	1.00	107.5
	03/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.9	NM	6.72	27.17	1,325	0.39	10.5	-81.0
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.87	NM	6.79	29.64	966	1.64	20.40	65.4
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.51	NM	6.82	29.62	1,287	0.23	1.45	-35.3
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.04	NM	7.04	28.25	1,231	2.40	1.06	-36.1
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	27.64	1,294	0.35	18.4	31.2
	04/18/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.8	27.90	1,369	4.38	0.0	-240.0
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	27.96	1,305	0.18	10.0	122.1
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.39	28.90	1,179	3.47	1.86	-77.6
	09/21/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.01	28.60	1,356	0.12	6.53	-25.3

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	-
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-02D	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.85	29.04	1,519	0.47	< 10	-18.9
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.77	27.24	1,541	0.68	6.36	-55.7
	09/11/2012	320	20.0 U	398	390	NM	NM	0.025 U	196	42.6	2.1	26.6	1.1	420	9.02 J	29.24	1,558	0.20	0.65 J	-65.0 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.94	28.45	1,483	2.11	NM	-98.8
	12/03/2013	435	304	397	394	0.086 U	0.072 U	0.086 U	194	52.4	NM	NM	1.4	453	6.89	27.19	1,471	0.79	0.46	-125.7
	02/03/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.0	NM	6.89	27.67	1,491	0.6	1.37	6.6
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.1	NM	6.94	27.54	1,525	0.66	0.07	-67.1
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	27.33	1,351	0.21	10	23.3
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.59	27.8	1,258	2.88	0.75	-218.0
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.9	29.23	-	0.38	0.48	-56.9
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.90	29.60	1,348	0.16	2.73	-44.0
MW-03S	02/03/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.03	28.75	1,122	0.84	NM	-2.8
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.68	29.92	934	0.64	47.6	34.5
	09/12/2012	20.0 U	20.0 U	758	19.7	NM	NM	0.19	102	37.9	2.0 U	17.9 I	1.4	312	6.97	30.41	1,018	0.32	0.49 J	60.9 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.67	29.52	953	0.55	152.8	91.3
	12/04/2013	246	20.0 U	571	374	0.24	0.0066 I	0.24 I	92.3	40.7	NM	NM	1.5	260	6.62	28.88	658	0.28	NM	69.3
	09/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.58	30.67	838	0.18	6.20	156.7
MW-03D	02/03/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.97	28.73	1,538	0.45	NM	-37.0
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.82	28.75	1,304	0.60	7.71	-40.0
	09/12/2012	640	26.2 I	358	2.5 I	NM	NM	0.025 U	148	41.6	2.0 U	21.0	1.2	404	7.29 J	28.89	1,300	0.37	2.92 J	-72.9 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.93	28.35	1,211	1.35	2.21	-26.0
	12/04/2013	554	94.8	358	72.8	0.029 U	0.0054 U	0.025 U	149	46.5	NM	NM	1.2	384	6.96	28.30	942	0.72	NM	-157.0
MW-04S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.54	28.91	846	0.63	> 1,000	1.5
	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.37	29.77	707	0.91	16.8	122.6
	09/12/2012	191	20.0 U	191	4.0 I	NM	NM	0.61	73.6	28.9	2.0 U	12.5 U	0.50 U	205	6.78	3.02 J	715	0.44	3.02 J	95.3 J

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	-
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-05S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.45	28.53	887	0.56	NM	44.6
	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.26	29.68	661	0.83	15.1	134.5
	09/12/2012	2,600	20.0 U	134	3.6 I	NM	NM	0.36	62.9	21.1	2.0 U	22.4	0.72 I	203	6.86	30.15	656	0.38	1.23 J	-6.0 J
	12/05/2013	720	876	97.7	106	0.42	0.011 I	0.42 I	61.9	24.7	NM	NM	1.1	233	6.49	28.86	490	0.92	17.12	68.1
MW-06S	02/02/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.44	28.52	1,053	0.92	< 10	60.1
	10/18/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.41	29.17	892	0.57	5.89	62.7
	09/11/2012	119	20.0 U	366	284	NM	NM	0.036 I	93.8	27.3	2.2	18.1 I	0.91 I	279	8.59 J	29.85	890	0.32	3.95 J	201.8 J
	12/05/2013	112	20.0 U	326	22.7	0.032 I	0.092 I	0.032 I	95.5	31.5	NM	NM	0.76 I	277	6.50	28.97	657	0.26	3.72	48.6
MW-07S	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.49	28.65	1,100	1.65	0.61	199.6
	09/11/2012	20.0 U	20.0 U	16.0	15.1	NM	NM	0.12	153	33.4	2.5	19.8 I	1.8	327	8.87 J	28.22	1,164	0.40	0.39 J	191.9 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.69	27.83	1,109	0.48	5.09	-195.6
	12/03/2013	20.0 U	20.0 U	19.0	18.7	0.91	0.072 U	0.91	132	52.4	NM	NM	2.3	326	6.68	27.46	1,137	0.49	1.11	87.3
	02/03/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.1	NM	6.64	27.63	1,112	0.46	0.98	138.5
	03/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.0	NM	6.76	27.28	1,206	0.24	0.03	-97.7
	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.68	27.93	1,188	0.03	NM	200.0
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	57.6	NM	6.88	27.91	5.28	0.52	4.29	26.6
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.52	27.98	1,297	0.14	18.90	-78.6
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.5	NM	7.52	28.21	1,184	0.11	5.94	-132
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.61	NM	7.66	28.20	1,169	1.62	4.76	-83.1
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.60	28.40	1,113	2.17	6.46	-91.2
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.23	27.08	1,215	0.37	9.05	-148.4
	04/18/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.07	28.58	1,269	0.21	2.63	-52.1
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.8	367	7.26	27.65	1.2	0.22	10.00	-126.8
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.21	27.80	1,177	2.45	0.71	-143.6
	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.93	27.86	-	0.14	1.71	-92.1
	09/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.07	28.62	1,293	0.24	0.27	-104.1

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MW-07D	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.89	28.39	1,373	0.73	1.03	-51.3	
	09/11/2012	725	20.0 U	250	228	NM	NM	0.025 U	172	53.7	2.0 U	23.2	1.4	376	9.09 J	27.86	1,443	0.29	0.97 J	-118.1 J
	04/17/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.90	27.46	1,333	0.46	7.88	-179.1	
	12/03/2013	2,220	491	258	245	0.086 U	0.072 U	0.086 U	156	54.4	NM	NM	1.4	309	7.12	27.13	1,088	0.25	31.7	-188.2
	02/03/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.5	NM	7.04	27.61	1,282	0.36	109	-133.5
	03/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.2	NM	7.18	26.51	1,218	0.41	6.97	-144.6
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.28	NM	6.88	27.90	5.28	0.52	4.29	26.6	
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.83	NM	6.83	27.72	5.31	0.20	4.51	-78.6	
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.39	NM	7.36	28.40	643	0.46	11.30	-106.5	
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.24	27.88	1,006	0.32	5.44	-1,056	
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.05	29.89	1,323	0.17	1.72	-78.6	
	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.13	27.23	-	0.20	2.37	-60.1	
	09/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.38	27.83	422	0.30	2.61	49.3	
MW-08S	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.40	30.39	818	1.26	36.7	118.3	
	09/12/2012	304	37.2 I	171	3.5 I	NM	NM	0.89	97.2	37.1	2.0 U	18.5 I	1.2	210	6.63	28.97	838	0.83	7.40 J	178.5 J
	12/05/2013	6,170	65.1	171	45.8	0.23	0.062	0.30 I	25.6	14.9	NM	NM	1.2	127	7.18	27.64	233	6.27	122	61.4
MW-09S	10/17/2011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.29	30.59	741	0.88	86.9	131.1	
	09/11/2012	20.0 U	20.0 U	1,280	1,170	NM	NM	0.24	64.7	36.5	2.0 U	12.7 I	1.0 I	230	8.39 J	30.20	737	0.25	0.28 J	239.8 J
	12/04/2013	394	20.0 U	1,390	1,370	0.31	0.0091 I	0.31 I	63.9	39	NM	NM	0.94 I	219	6.37	29.06	539	0.37	6.02	0.5
	09/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.19	29.98	650	0.31	2.72	226.9	
MW-10S	12/03/2013	357	132	389	389	0.66	0.036 U	0.66	84.3	43.1	NM	NM	1.8	197	6.43	29.34	771	0.33	NM	56.1
	09/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.16	30.58	790	0.09	5.79	136.3	
MW-11S	12/03/2013	1,970	395	708	705	2.6	0.036 U	2.7	85.9	49.9	NM	NM	2.3	226	6.52	28.31	847	0.24	18.9	75.8
	09/21/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.62	29.51	819	0.24	5.52	123.1	
MW-12S	12/02/2013	239	20.0 U	1,170	1,260	1.3	0.072 U	1.3	143	50.2	NM	NM	1.2	305	6.68	28.73	1,103	0.28	6.81	33.7
	09/20/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.47	28.43	1,107	0.43	3.86	133.4	

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MW-13S	12/02/2013	421	20.0 U	253	259	1.4	0.082	1.5	58.7	106	NM	NM	2.5	178	6.87	26.82	873	0.40	16.8	36.4
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.9	NM	7.23	28.36	956	0.26	21.2	1.66
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.79	27.1	1,623	1.01	20.2	-265.1	
	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.33	29	1,600	0.17	25	-67.4	
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.36	28.6	13.24	3.91	1.18	-422	
	01/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.01	29.31	-	0.73	3.57	-60.1	
	09/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.51	29.89	1,213.00	0.27	27.2	-108.0	
MW-14S	12/04/2013	2,380	35.1 I	1,180	1,080	0.58	0.046 I	0.63	23.3	42.6	NM	NM	1.8	185	6.37	29.56	419	1.03	NM	40.6
MW-15S	12/02/2013	4,660	20.0 U	2,240	1,940	0.086 U	0.072 U	0.086 U	74.2	82.7	NM	NM	3.3	517	7.08	27.23	1,426	1.02	10.5	10.1
	09/21/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.12	29.09	1,482	3.62	0.50	134.9	
MW-16S	02/03/2015	NM	NM	NM	NM	0.10	0.025 U	0.10	115	41.3	NM	NM	2.5	NM	6.64	26.43	1,344	0.53	1.04	98.0
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.6	NM	6.99	26.65	1,373	0.28	18.7	-125.3
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.78	NM	6.93	27.12	1,383	0.33	1.76	38.7
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.17	NM	6.90	27.29	1,378	0.38	4.55	-34.1
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.40	27.69	1,449	2.50	1.34	-87.1	
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.89	27.26	1,393	0.29	6.98	-29.8	
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.83	27.70	1,592	0.81	0.13	-563.1	
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.9	558	6.75	29.33	1,471	0.42	10.00	-72.1
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	14.95	27.6	1,360	1.19	6.94	1.19	
	07/26/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.7	567	7.62	28.1	1,354	0.76	8.16	-367
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	28.55	1,375	0.19	13.9	-114.6	

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MW-17S	02/04/2015	NM	NM	NM	NM	0.025 U	0.025 U	0.025 U	64.9	32.2	NM	NM	4.2	NM	6.68	27.48	1,504	0.38	9.29	81.9
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.7	NM	6.78	27.59	2,110	0.56	2.62	-179.1
	07/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.68	29.61	1,866	0.30	0.78	-100.3
	07/08/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,629	NM	NM	NM	NM	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,652	NM	6.40	30.57	4,872.0	0.12	7.7	-85.5
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,479	NM	6.49	35.14	4,564	0.96	NM	-67.1
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,522	NM	6.16	32.87	3,840	0.38	37.3	-119.8
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.52	29.47	4,004	0.20	10.4	-110.7
	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	28.4	1,330	6.60	30.70	2,895	0.19	10.0	-112.5
	06/20/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	11.70	27.9	2,417	4.40	6.1	321.0
MW-18S	09/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.09	30.83	2,727	0.33	34.8	-119.2
	02/04/2015	NM	NM	NM	NM	0.025 U	0.025 U	0.025 U	NM	NM	NM	NM	3.2	643	6.78	28.08	1,494	0.80	0.0	31.3
	03/16/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.3	NM	7.30	27.79	1.83	0.59	10.7	160
	07/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	29.03	1,607	0.39	11.4	-73.3
	07/08/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,290	NM	NM	NM	NM	NM	NM	NM
	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,269	NM	6.51	29.26	2,195	0.87	6.3	-209
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	892	NM	6.69	30.76	4,203	0.56	15.7	-80.4
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	649	NM	6.66	30.53	3,872	1.20	9.00	-114.3
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.16	28.74	856	1.40	7.92	-103.0
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.69	29.75	3,645	0.07	5.99	-90.7
MW-18S	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.40	28.4	1,930	5.92	9.40	-407.0
	01/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	25.5	-	0.49	3.56	-101.1
	09/17/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.63	30.75	1,810	0.35	18.6	-111.0

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MW-19S	07/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.43	NM	6.98	30.06	1,422	1.61	3.6	459.6	
	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	286	NM	NM	NM	NM	NM	NM	NM	
	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	225	NM	7.02	29.40	1,920	0.42	11.1	-87.8	
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	149	NM	6.99	30.75	1,737	0.30	4.54	-87.6	
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	91.9	NM	7.04	30.09	1,556	0.87	3.49	-113.9	
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.07	28.81	1,458	1.49	4.84	-106.5	
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.77	28.25	1,477	0.08	5.75	-99.6	
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	27.80	1,667	1.90	1.20	-345.2	
MW-20S	07/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.64	NM	6.93	29.59	1,327	0.35	1.81	194.0	
	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	216	NM	NM	NM	NM	NM	NM	NM	
	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	35.7	NM	6.97	28.23	1,290	0.27	10.6	-7.2	
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.36	NM	6.92	31.73	1,257	0.30	29.9	-129.4	
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.55	NM	7.05	30.35	1,252	0.62	4.23	-134.1	
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.18	27.71	1,151	0.82	13.1	-96.8	
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.90	28.09	1,384	0.10	5.49	-107	
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.58	27.80	1,526	1.97	15.40	-399.8	
	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.80	30.26	1,523	0.34	10.00	-49.2	
	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.80	27.80	1,278	0.28	2.59	-105.0	
MW-21S	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.16	NM	6.60	27.59	1,199	4.20	1.51	327.6	
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	131	NM	6.96	29.35	1,736	0.45	33.6	-9.1	
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.47	NM	6.92	27.94	1,425	0.12	9.43	-118.2	
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.10	NM	6.97	27.92	1,334	0.57	3.83	-110.2	
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.99	28.33	1,308	0.74	9.80	-67.0	
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.73	28.40	1,300	0.31	2.85	-28.1	
	04/18/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.08	27.50	1,267	3.15	0.77	-181.7	
	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.91	27.62	1,255	0.25	10.00	-18.1	
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.28	27.8	1,079	2.01	0.07	-129.6	
	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.98	28.1		0.39	11.12	-45.1	
	09/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.23	28.71	1,185	0.14	5.05	-106.6	
MW-22S	09/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.08	28.24	1,697	0.56	7.90	62.3	

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MW-23S	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	370	6.64	29.36	1,338	0.40	10.00	281.6	
MW-24S	04/20/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.88	27.8	1,183	1.20	8.30	-3337.2	
MW-24S	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	29.23	1,130	1.27	10.00	199.1	
MW-26	06/21/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.40	28.4	1,158	4.22	3.90	270.1	
MW-26	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.0	345	6.96	28.8	1,081	0.33	1.26	-361.1
MW-26	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.65	30.51	2,179	0.18	36.4	-133.1	
MW-28S	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.60	28.91	1,080	0.44	2.20	242.1	
MW-29S	06/20/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.25	29.6	1,269	2.71	1.92	271.9	
MW-31S	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.32	27.4	1,036	2.81	1.63	18.3	
MW-31S	07/26/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.1	436	6.14	27.3	1,044	0.62	0.18	-298
MW-31S	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.93	26.61	-	0.39	1.04	23.2	
MW-31S	09/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.16	28.25	1,326	0.18	0.85	-39.8	
INJ-1	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	488	NM	6.81	28.64	2,348	0.16	27.9	-127.1
INJ-1	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	452	NM	6.20	28.0	5,221	0.19	19.2	-129.7
INJ-1	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	92.6	NM	7.40	28.13	1,250	0.70	10.5	-94.9
INJ-1	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.09	27.89	1,131	0.21	7.55	-90.5	
INJ-1	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.89	29.20	1,353	0.15	14.40	-91.6	
INJ-2	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	775	NM	6.62	28.49	2,664	0.29	215	-77.9
INJ-2	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	703	NM	6.39	28.47	2,666	0.25	54.7	-122.7
INJ-2	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	556	NM	6.74	28.13	2,089	0.26	20.1	-95.9
INJ-2	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.06	28.75	1,864	2.35	21.0	-769	
INJ-2	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.84	28.45	1,720	0.30	59.2	-79.6	
INJ-2	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.53	28.42	2,677	0.15	99.0	-110	

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
INJ-3	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5,145	NM	6.15	33.24	4,856	0.22	9.14	-70.3
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	739	NM	6.44	28.43	3,026	0.11	31.6	-131.8
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	231	NM	6.99	28.68	1,827	1.01	13.6	-85.0
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.95	28.09	1,588	0.30	7.0	-61.3
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.96	29.03	1,523	0.15	10.0	-108.0
	07/28/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.2	NM	6.85	27.83	1,320	1.35	10.0	-48.7
	01/23/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.59	28.00	0.11	10.1	-83.9	
INJ-4	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.90	NM	NM	NM	NM	NM	NM	NM
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.64	NM	6.75	29.25	1,405	0.42	4.47	-115.1
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.37	NM	6.79	27.69	1,383	0.46	4.75	-61.7
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.84	27.95	1,374	1.10	0.82	-79.0
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.73	28.88	1,396	0.16	0.28	-47.0
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.52	26.80	832	3.93	37.8	-425.3
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.4	556	6.65	27.20	1,350	0.61	3.66	-352.3
INJ-6	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.81	23.3	2,049	2.69	15.8	-432.2
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.48	28.3	1,374	0.96	0.53	-322.3
INJ-7	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	116	NM	6.29	31.9	3,787	0.12	>1000	-76.4
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.77	29.53	2,650	0.09	9.78	-151.7
INJ-8	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6,110	NM	6.19	32.91	1,525	1.47	>1000	-64.4
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.67	30.16	3,117	0.13	41.1	-142.5
INJ-9	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,041	NM	6.71	29.89	5,892	0.52	45.1	-127.1
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	470	NM	5.56	30.26	1,453	0.46	>1000	41.7
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	297	NM	6.56	29.96	2,232	0.29	20.2	-119.3
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.00	29.52	2,048	0.48	4.69	-152
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	29.49	3,125	0.13	14.8	-151.5
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.95	28.10	1,819	1.47	17.9	-361.8

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
INJ-10	07/13/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,654	NM	6.51	37.08	4,060	1.47	182	-92.9	
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	591	NM	6.09	30.80	1,667	0.48	>1000	-69.5	
	07/24/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,231	NM	6.49	33.20	4,448	0.15	56.6	-126.6	
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.51	31.60	3,512	2.70	43.4	-146.3	
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.63	29.54	4,540	0.15	8.55	-155.1	
	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.81	28.30	2,338	2.75	40.90	-350.2	
INJ-11	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,254	NM	6.32	31.04	3,934	0.55	>1000	-112.8	
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.91	30.29	2,077	0.23	74.0	-199.3	
INJ-12	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,300	NM	6.11	31.2	1,995	0.52	>1000	-111.4	
	08/07/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.61	27.98	4,103	0.28	10.0	-109.7	
INJ-13	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.35	29.07	2,320	0.1	200	-100.4	
INJ-14	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.55	30.54	2,956	0.14	9	311.4	
INJ-15	07/10/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.57	27.93	1,220	0.41	4.13	416.9	
	07/17/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,403	NM	6.58	29.87	4,433	0.57	40.2	-69.6	
	07/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	734	NM	6.34	28.95	2,688	0.44	34.0	-127.3	
	07/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	223	NM	6.46	23.52	1,661	2.35	8.55	-132	
	07/31/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.06	28.72	1,541	2.94	19.2	-170.4	
	08/04/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.79	28.64	1,372	0.42	5.12	-120.5	
	08/11/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.88	29.08	1,368	0.21	3.74	-101.0	
INJ-16	04/18/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.6	NM	7.2	27.8	1,087	3.18	3.97	-1750	
	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.85	28.15	1,043	1.17	10	-53	
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.7	389	7.68	29.2	1,064	2.30	0.28	-380.6	
INJ-18	04/19/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.28	28.38	1,128	1.12	12.2	-465	
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.9	410	7.17	29.7	1,071	0.66	1.08	-414.3	

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	-
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)
INJ-22	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.80	26.79	1,481	0.29	10	-98
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.6	439	6.82	27	1,263	1.10	0.29	-357.1
INJ-23	01/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.80	26.57		0.44	0.79	-96.9
INJ-24	04/20/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.49	28.2	1,660	1.37	7.2	-390.7
	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	26.6	NM	6.33	29.31	1,697	0.44	10	-55.9
	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.16	27.4	11.57	2.13	1.20	-323.4
	01/25/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.66	26.77	-	0.42	1.91	-62.3
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.38	32.27	2,066	0.26	29.4	-32.0
INJ-25	07/25/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.61	29.48	1,025	0.27	8	-60.5
	07/27/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.1	693	6.78	27.9	1,497	0.63	1.27	-328.1
	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.77	30.00	2,329	0.19	35.0	-139.0
INJ-27	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.69	29.99	1,449	0.8	10	290.4
INJ-28	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.75	28.85	1,446	2.56	10	251.6
INJ-29	07/26/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.29	27.68	1,064	1.79	10	208.7
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.74	28.25		0.39	2.81	-75.4
INJ-30	07/27/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.41	28.78	1,331	4.2	10	277.6
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.87	28.19		0.37	0.9	-103.8
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.51	29.55	1,924	0.13	20.9	-164.9
INJ-34	07/26/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1,140	555	6.88	29.4	1,507	0.90	8.11	-121.5
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.58	29.19		0.68	9.53	31.5
INJ-36	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	11.41	28.8	1,701	5.71	14.3	-326.1
	01/24/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.76	28.66		0.30	9.99	-135.8
INJ-37	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.66	29.88	2,619	0.17	36.8	-33.1

TABLE 4
GROUNDWATER CHEMISTRY SUMMARY

Former Wyeth, Carolina Facility, Puerto Rico

Sample		Total Iron	Iron, Dissolved	Total Manganese	Manganese, Dissolved	Nitrate as N	Nitrite as N	Nitrogen, NO ₂ + NO ₃	Chloride	Sulfate	Biological Oxygen Demand	Chemical Oxygen Demand	Total Organic Carbon	Alkalinity (as CaCO ₃)	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	-	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
MCL		300*	-	50*	-	10	1	-	250*	250*	-	-	-	-	-	-	-	-	-	
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(S.U.)	(°C)	(µS/cm)	(mg/L)	(NTUs)	(mV)	
INJ-38	06/19/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	12.87	27.7	1,115	1.80	3.20	305.1	
	09/19/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.36	30.64	1,395	0.23	57.8	-82.5	
INJ-39	06/21/2017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	12.71	27.8	1,113	1.79	2.90	307.9	
	09/18/2018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.68	29.70	2,621	0.25	12.39	-146.0	

Notes:

mV - millivolts
 * - secondary MCL (SMCL)
 µg/L - micrograms per liter
 mg/L - milligrams per liter
 S.U. - standard units
 °C - degrees Celsius
 µS/cm - microsiemens per centimeter
 NTUs - nephelometric turbidity units

U - Indicates the compound was analyzed for but not detected at a concentration greater than the shown MDL.
 I - The reported value is between the laboratory MDL and the laboratory practical quantitation limit (PQL).
 J - Calibration result was outside the acceptable criteria for standard range
 Thick solid line indicates injection event took place in the area of the specified well between sampling events

MDL - Method Detection Limit
 NM - Not Measured
Bold denotes a detection above laboratory method detection limit.
 Shaded - Concentration is greater than MCL
 MCL - Federal Maximum Contaminant Level from <http://water.epa.gov/drink/contaminants/index.cfm#List> as of October 11, 2010.

TABLE 5
PERFORMANCE MONITORING PLAN

Pfizer, Carolina Facility, Puerto Rico

Sample ID	Screened Interval	Select CVOCs	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
EPA Method	(feet)	8260	Field	Field	Field	Field	Field	Field
Semi-Annual Groundwater Monitoring (March 2019 and March 2020)								
MW-02S	29.9 - 39.9	X	X	X	X	X	X	X
MW-02D	77.2 - 87.2	X	X	X	X	X	X	X
MW-07S	28 - 38	X	X	X	X	X	X	X
MW-16S	38 - 48	X	X	X	X	X	X	X
MW-17S	40 - 50	X	X	X	X	X	X	X
MW-18S	50 - 60	X	X	X	X	X	X	X
MW-20S	40 - 50	X	X	X	X	X	X	X
MW-21S	37 - 47	X	X	X	X	X	X	X
INJ-6	40 - 50	X	X	X	X	X	X	X
INJ-23	42.5 - 49.5	X	X	X	X	X	X	X
INJ-24	41 - 51	X	X	X	X	X	X	X
INJ-38	37.1 - 47.1	X	X	X	X	X	X	X

TABLE 5
PERFORMANCE MONITORING PLAN

Pfizer, Carolina Facility, Puerto Rico

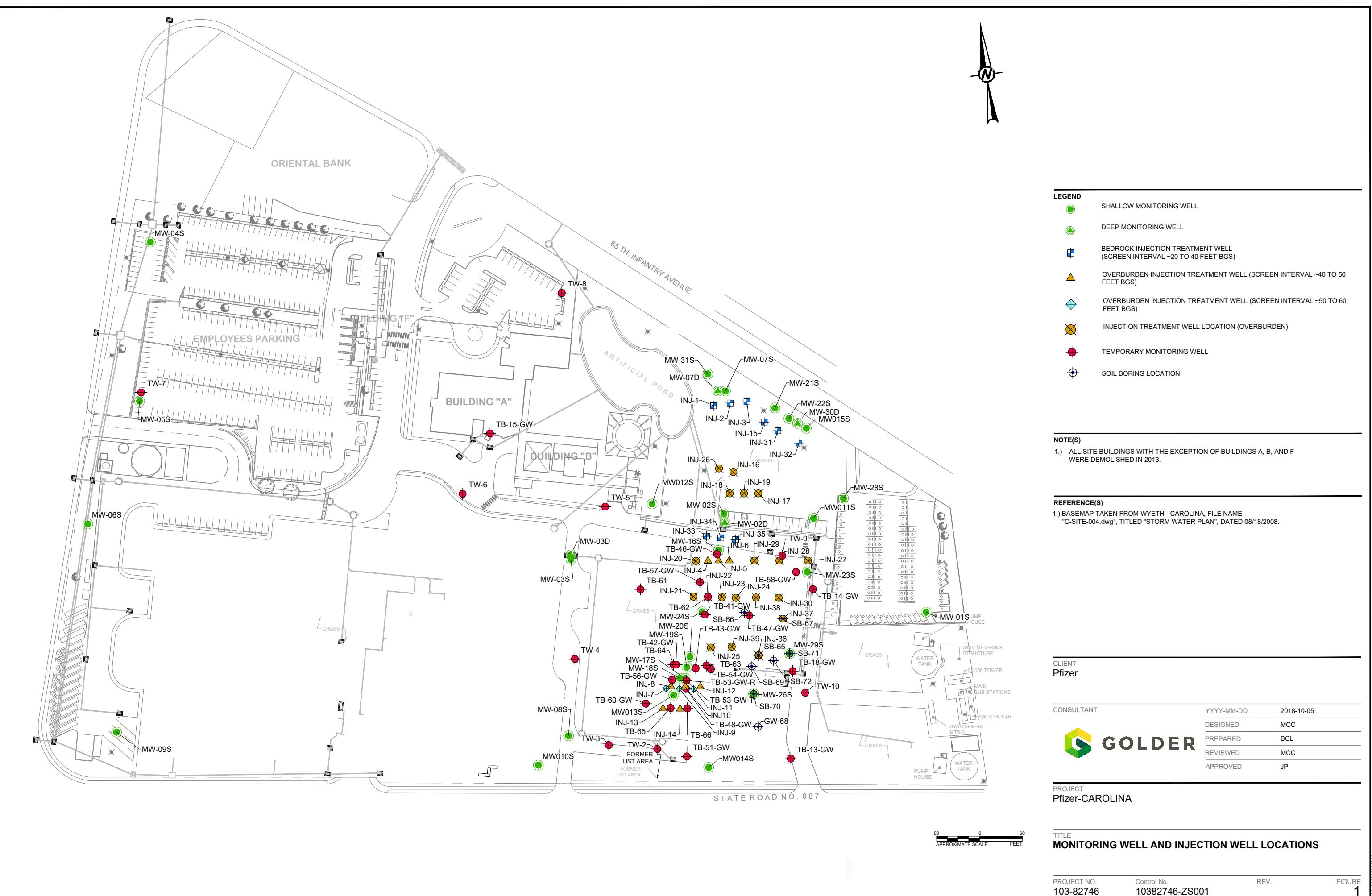
Sample ID	Screened Interval	Select CVOCs	pH	Temperature	Conductivity	Dissolved Oxygen	Turbidity	Oxidation Reduction Potential
EPA Method	(feet)	8260	Field	Field	Field	Field	Field	Field
Annual Groundwater Monitoring (September 2019 and September 2020)								
MW-02S	29.9 - 39.9	X	X	X	X	X	X	X
MW-02D	77.2 - 87.2	X	X	X	X	X	X	X
MW-07S	28 - 38	X	X	X	X	X	X	X
MW-07D	88 - 98	X	X	X	X	X	X	X
MW-11S	30 - 40	X	X	X	X	X	X	X
MW-13S	30 - 40	X	X	X	X	X	X	X
MW-16S	38 - 48	X	X	X	X	X	X	X
MW-17S	40 - 50	X	X	X	X	X	X	X
MW-18S	50 - 60	X	X	X	X	X	X	X
MW-20S	40 - 50	X	X	X	X	X	X	X
MW-21S	37 - 47	X	X	X	X	X	X	X
MW-23S	33 - 43	X	X	X	X	X	X	X
MW-26S	37.4 - 47.4	X	X	X	X	X	X	X
MW-28S	50 - 60	X	X	X	X	X	X	X
INJ-3	19 - 40	X	X	X	X	X	X	X
INJ-6	40 - 50	X	X	X	X	X	X	X
INJ-23	42.5 - 49.5	X	X	X	X	X	X	X
INJ-24	41 - 51	X	X	X	X	X	X	X
INJ-29	26.5 - 36.5	X	X	X	X	X	X	X
INJ-30	32.5 - 42.5	X	X	X	X	X	X	X
INJ-36	30.8 - 40.8	X	X	X	X	X	X	X
INJ-37	32.9 - 42.9	X	X	X	X	X	X	X
INJ-38	37.1 - 47.1	X	X	X	X	X	X	X
INJ-39	36.3 - 46.3	X	X	X	X	X	X	X

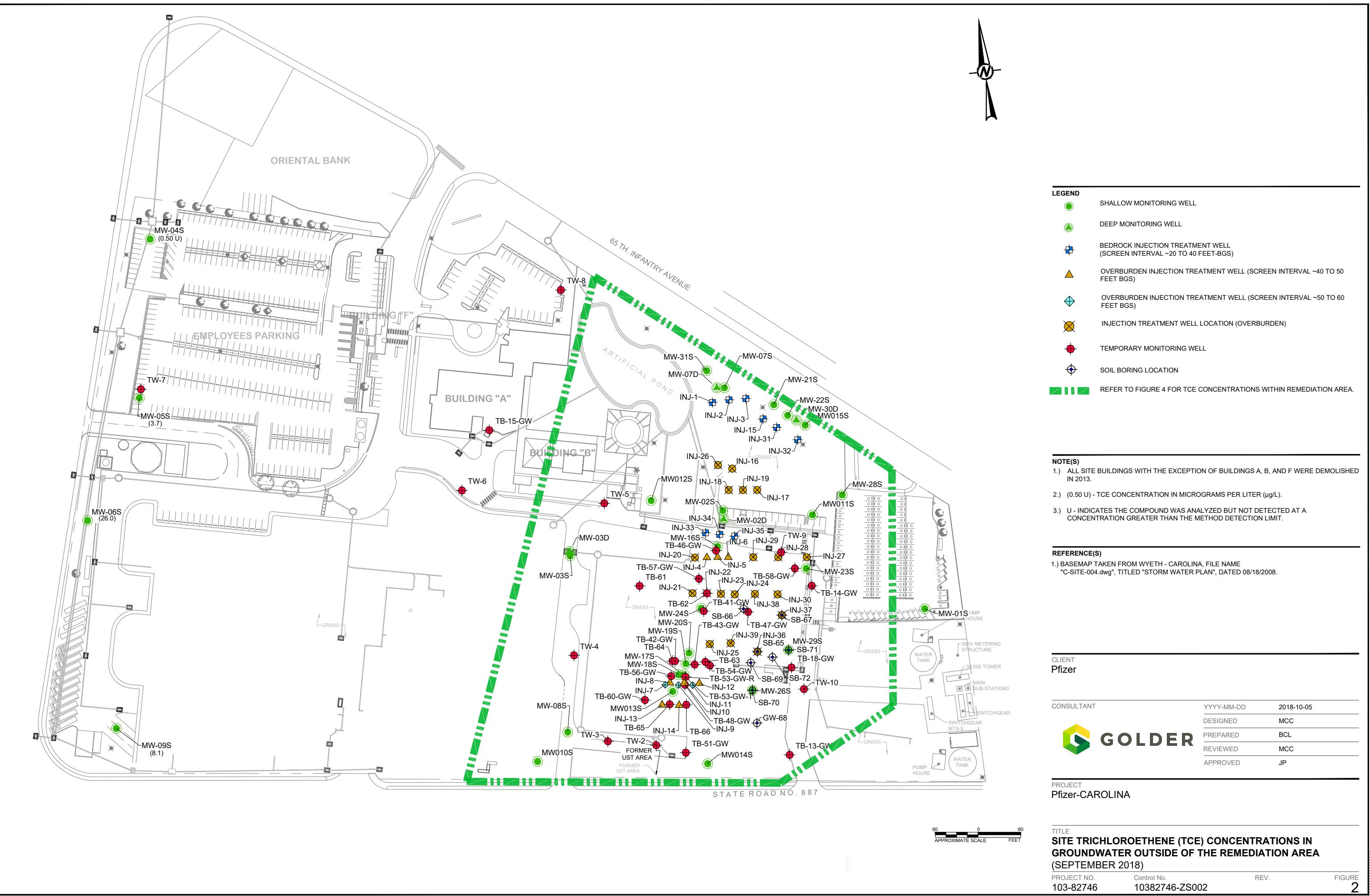
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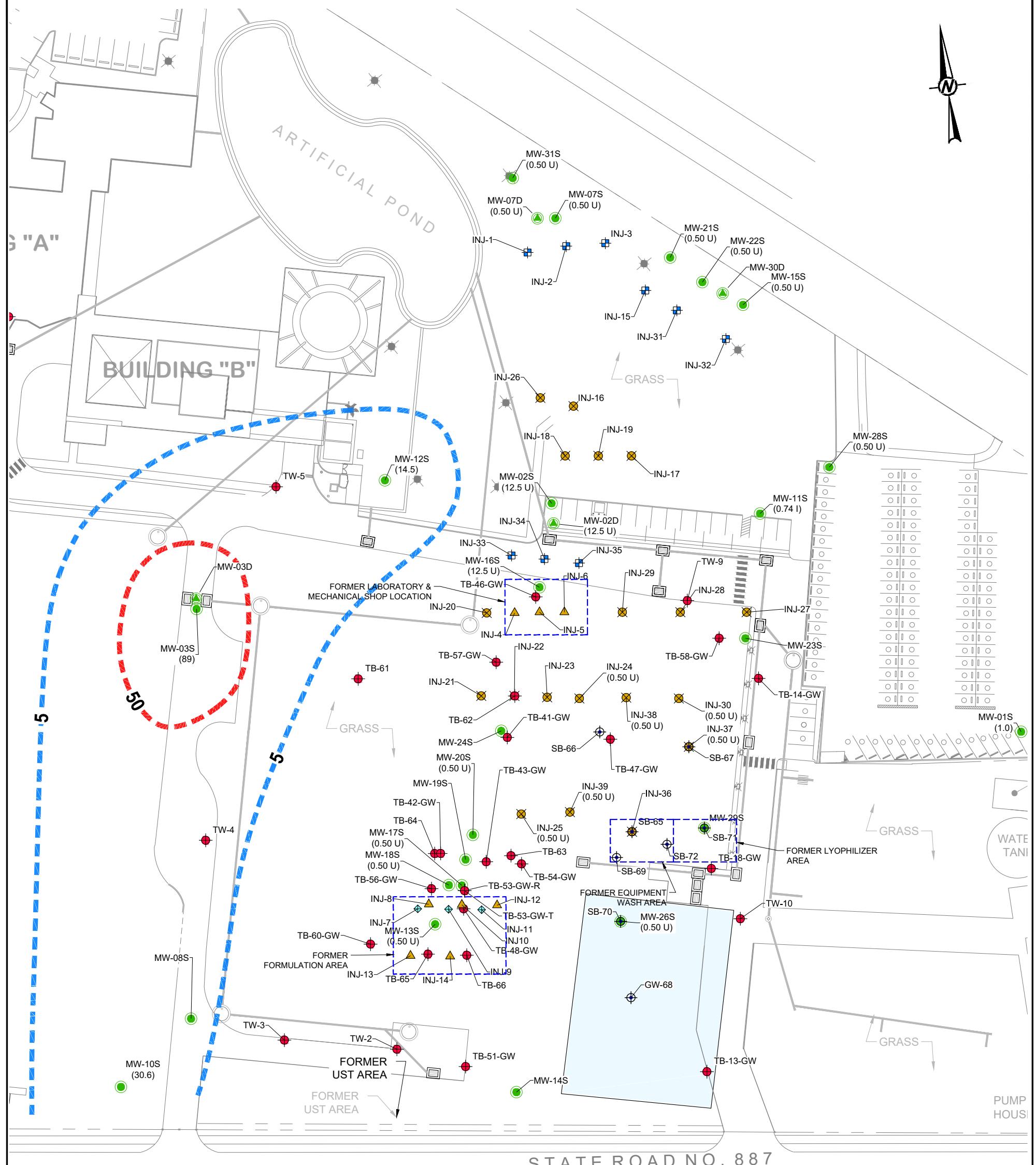
Performance monitoring results will be reviewed during the monitoring period and the plan may be adjusted based on results to include additional sampling and additional constituents.

X - Parameter measured or analyzed
 -- - not sampled or analyzed
 CVOCs - chlorinated volatile organic compounds

FIGURES







LEGEND	
●	SHALLOW MONITORING WELL
○	DEEP MONITORING WELL
■	BEDROCK INJECTION TREATMENT WELL (SCREEN INTERVAL ~20 TO 40 FEET-BGS)
▲	OVERBURDEN INJECTION TREATMENT WELL (SCREEN INTERVAL ~40 TO 50 FEET BGS)
◆	OVERBURDEN INJECTION TREATMENT WELL (SCREEN INTERVAL ~50 TO 60 FEET BGS)
⊗	INJECTION TREATMENT WELL LOCATION (OVERBURDEN)
●	TEMPORARY MONITORING WELL
○	SOIL BORING LOCATION
■	OCTOBER 2013 EXCAVATION AREA

(0.50 U) PCE CONCENTRATION IN MICROGRAMS PER LITER ($\mu\text{g}/\text{L}$)
 — PCE CONCENTRATION CONTOUR - 5 $\mu\text{g}/\text{L}$
 - - PCE CONCENTRATION CONTOUR - 50 $\mu\text{g}/\text{L}$

- NOTE(S)**
- 1.) ALL SITE BUILDINGS WITH THE EXCEPTION OF BUILDINGS A, B, AND F WERE DEMOLISHED IN 2013.
 - 2.) U - INDICATES THE COMPOUND WAS ANALYZED BUT NOT DETECTED AT A CONCENTRATION GREATER THAN THE METHOD DETECTION LIMIT.

REFERENCE(S)

- 1.) BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME "C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18/2008.

CLIENT
PfizerPROJECT
Pfizer-CAROLINA

CONSULTANT

GOLDER

YYYY-MM-DD 2018-10-05

DESIGNED MCC

PREPARED BCL

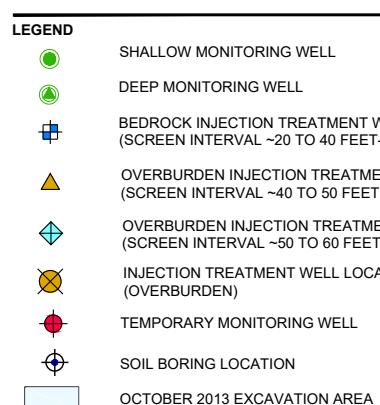
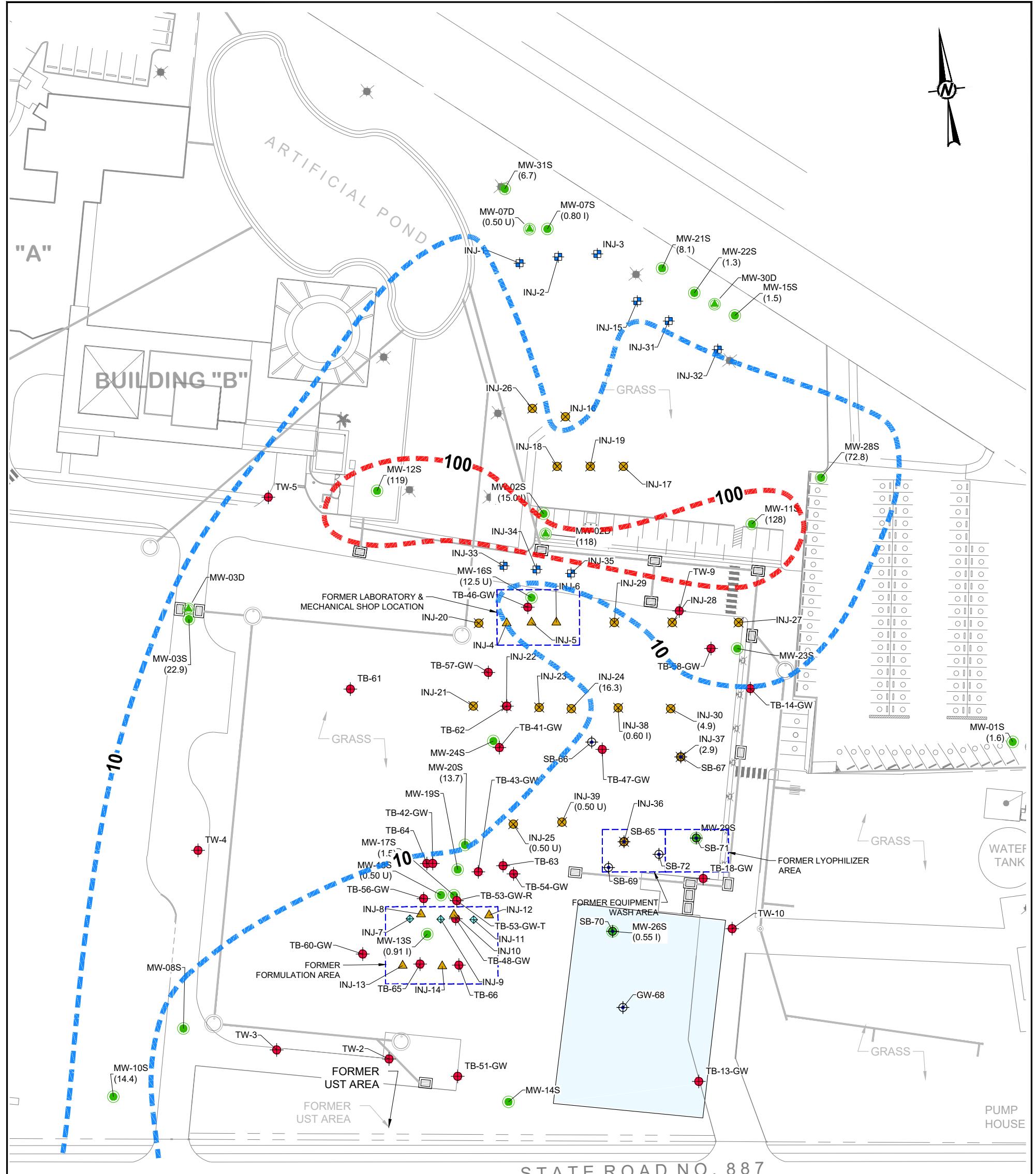
REVIEWED MCC

APPROVED JP

TETRACHLOROETHENE (PCE) ANALYTICAL RESULTS IN GROUNDWATER (SEPTEMBER 2018)

PROJECT NO. 103-82746 Control No. 10382746-ZS003

REV. . FIGURE 3



(0.50 U) TCE CONCENTRATION IN MICROGRAMS PER LITER ($\mu\text{g}/\text{L}$)
 (0.10 U) TCE CONCENTRATION CONTOUR - 10 $\mu\text{g}/\text{L}$
 (0.01 U) TCE CONCENTRATION CONTOUR - 100 $\mu\text{g}/\text{L}$

NOTE(S)

- 1.) ALL SITE BUILDINGS WITH THE EXCEPTION OF BUILDINGS A, B, AND F WERE DEMOLISHED IN 2013.
- 2.) U - INDICATES THE COMPOUND WAS ANALYZED BUT NOT DETECTED AT A CONCENTRATION GREATER THAN THE METHOD DETECTION LIMIT.

REFERENCE(S)

1.) BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME "C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18/2008.

CLIENT
Pfizer

PROJECT
Pfizer-CAROLINA

CONSULTANT

GOLDER

YYYY-MM-DD 2018-10-05

DESIGNED MCC

PREPARED BCL

REVIEWED MCC

APPROVED JP

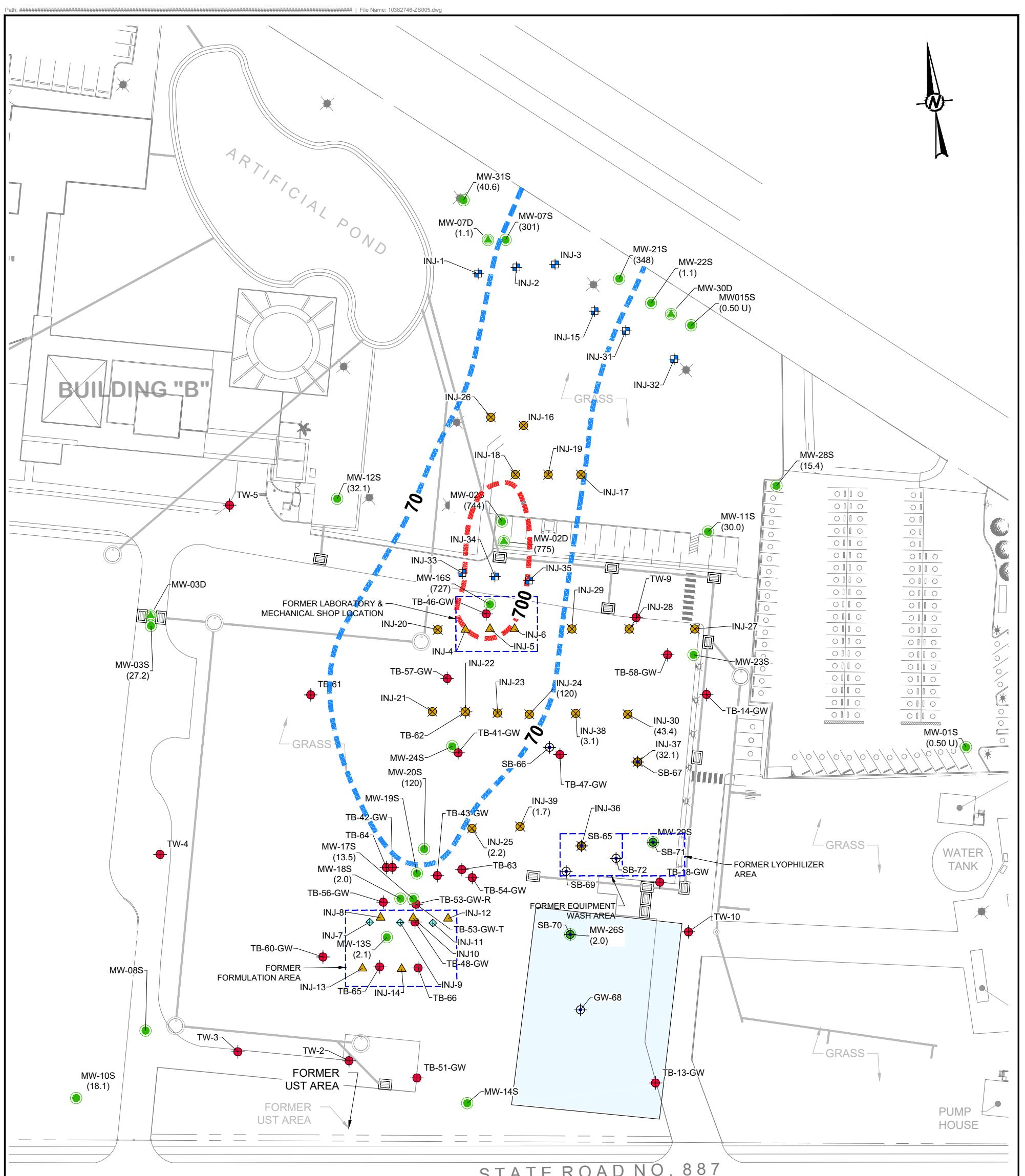
TITLE
TRICHLOROETHENE (TCE) ANALYTICAL RESULTS IN GROUNDWATER (SEPTEMBER 2018)

PROJECT NO. 103-82746 Control No. 10382746-ZS004

REV.

FIGURE
4

30 0 30
APPROXIMATE SCALE FEET



LEGEND

- SHALLOW MONITORING WELL
 - DEEP MONITORING WELL
 - BEDROCK INJECTION TREATMENT WELLS
(SCREEN INTERVAL ~20 TO 40 FEET)
 - OVERBURDEN INJECTION TREATMENT WELLS
(SCREEN INTERVAL ~40 TO 50 FEET)
 - OVERBURDEN INJECTION TREATMENT WELLS
(SCREEN INTERVAL ~50 TO 60 FEET)
 - INJECTION TREATMENT WELL LOCATIONS
(OVERBURDEN)
 - TEMPORARY MONITORING WELL
 - SOIL BORING LOCATION
 - OCTOBER 2013 EXCAVATION AREA

(0.50 U) cis-1,2-DCE CONCENTRATION IN MICROGRAMS PER LITER ($\mu\text{g/L}$)

1,2-DCE CONCENTRATION CONTOUR - 70 µg/L

1,2-DCE CONCENTRATION CONTOUR - 700 µg/L

NOTE(S)

- NOTE(S)**

 - 1.) ALL SITE BUILDINGS WITH THE EXCEPTION OF BUILDINGS A, B, AND F WERE DEMOLISHED IN 2013.
 - 2.) U - INDICATES THE COMPOUND WAS ANALYZED BUT NOT DETECTED AT A CONCENTRATION GREATER THAN THE METHOD DETECTION LIMIT.

REFERENCE(S)

- 1.) BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME "C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18/2008.

CLIENT
Pfizer

PROJECT
Pfizer CAROLINA

CONSULTANT

YYYY-MM-DD 2018-10-05

DESIGNED MCC
PREPARED DSI

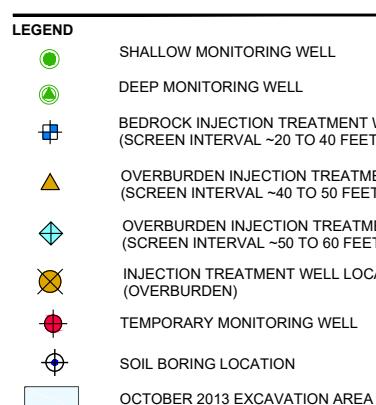
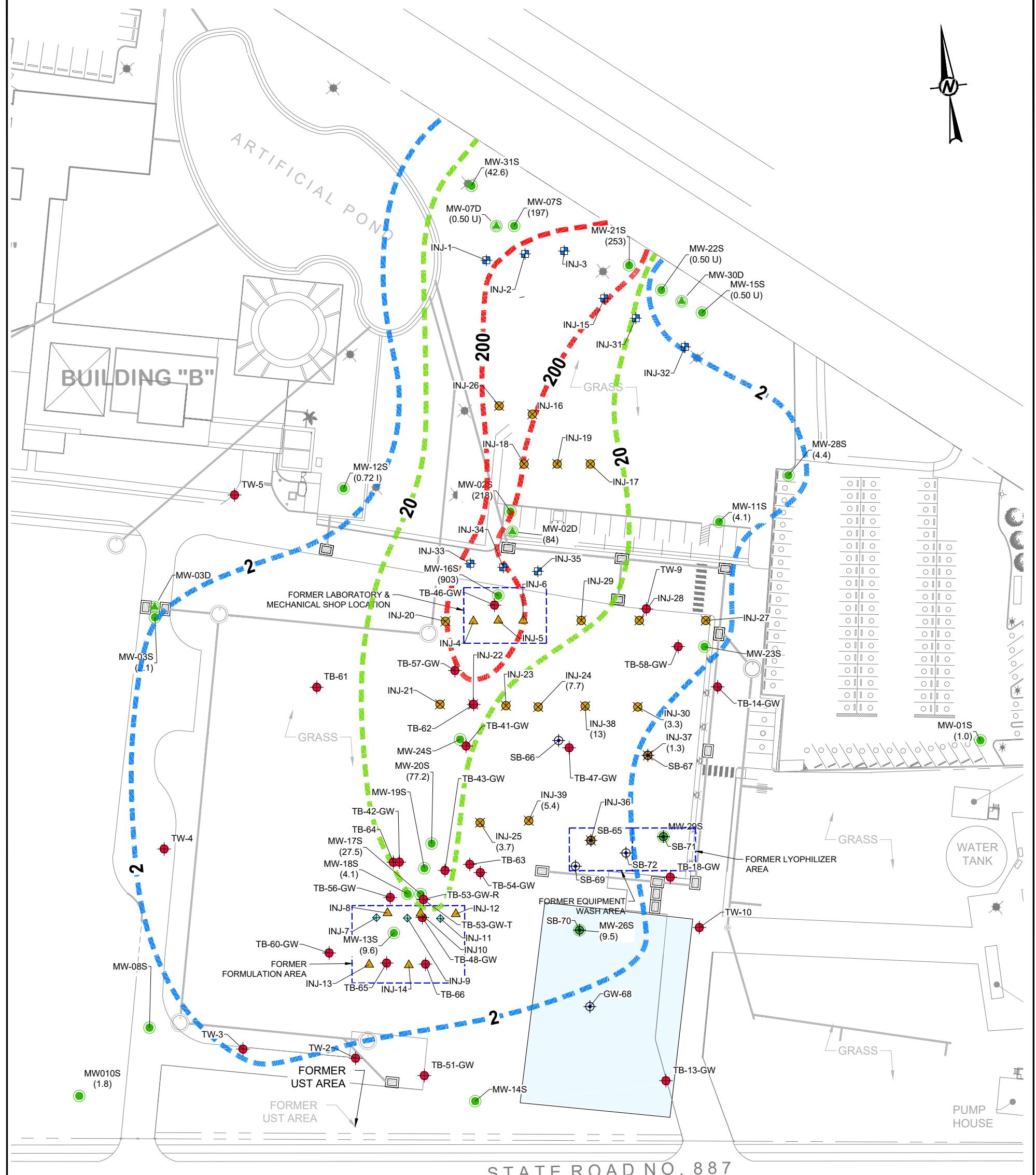
PREPARED **BCL**

TITLE
cis-1,2-DICHLOROETHENE ANALYTICAL RESULTS IN GROUNDWATER

(SEPTEMBER 2018)

A horizontal scale bar with tick marks at 30, 0, and 30. Below it is the text "APPROXIMATE SCALE FEET".





(0.50 U) VC CONCENTRATION IN MICROGRAMS PER LITER ($\mu\text{g}/\text{L}$)
 (0.50 U) VC CONCENTRATION CONTOUR - 2 $\mu\text{g}/\text{L}$
 (0.50 U) VC CONCENTRATION CONTOUR - 20 $\mu\text{g}/\text{L}$
 (0.50 U) VC CONCENTRATION CONTOUR - 200 $\mu\text{g}/\text{L}$

NOTE(S)
 1.) ALL SITE BUILDINGS WITH THE EXCEPTION OF BUILDINGS A, B, AND F WERE DEMOLISHED IN 2013.
 2.) U - INDICATES THE COMPOUND WAS ANALYZED BUT NOT DETECTED AT A CONCENTRATION GREATER THAN THE METHOD DETECTION LIMIT.

REFERENCE(S)
 1.) BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME "C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18/2008.

CLIENT
Pfizer

PROJECT
Pfizer-CAROLINA

CONSULTANT

GOLDER

YYYY-MM-DD 2018-10-05

DESIGNED MCC

PREPARED BCL

REVIEWED MCC

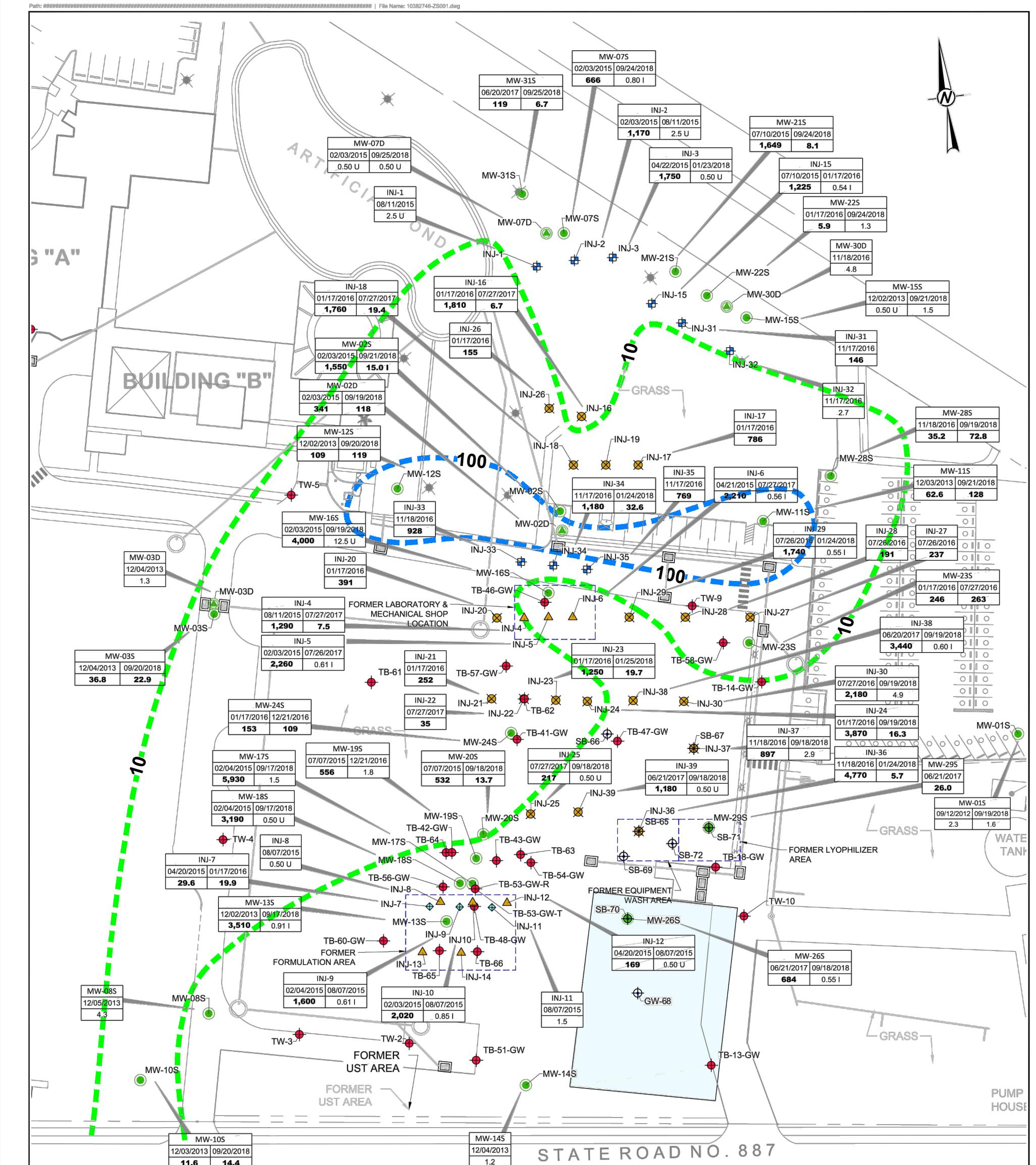
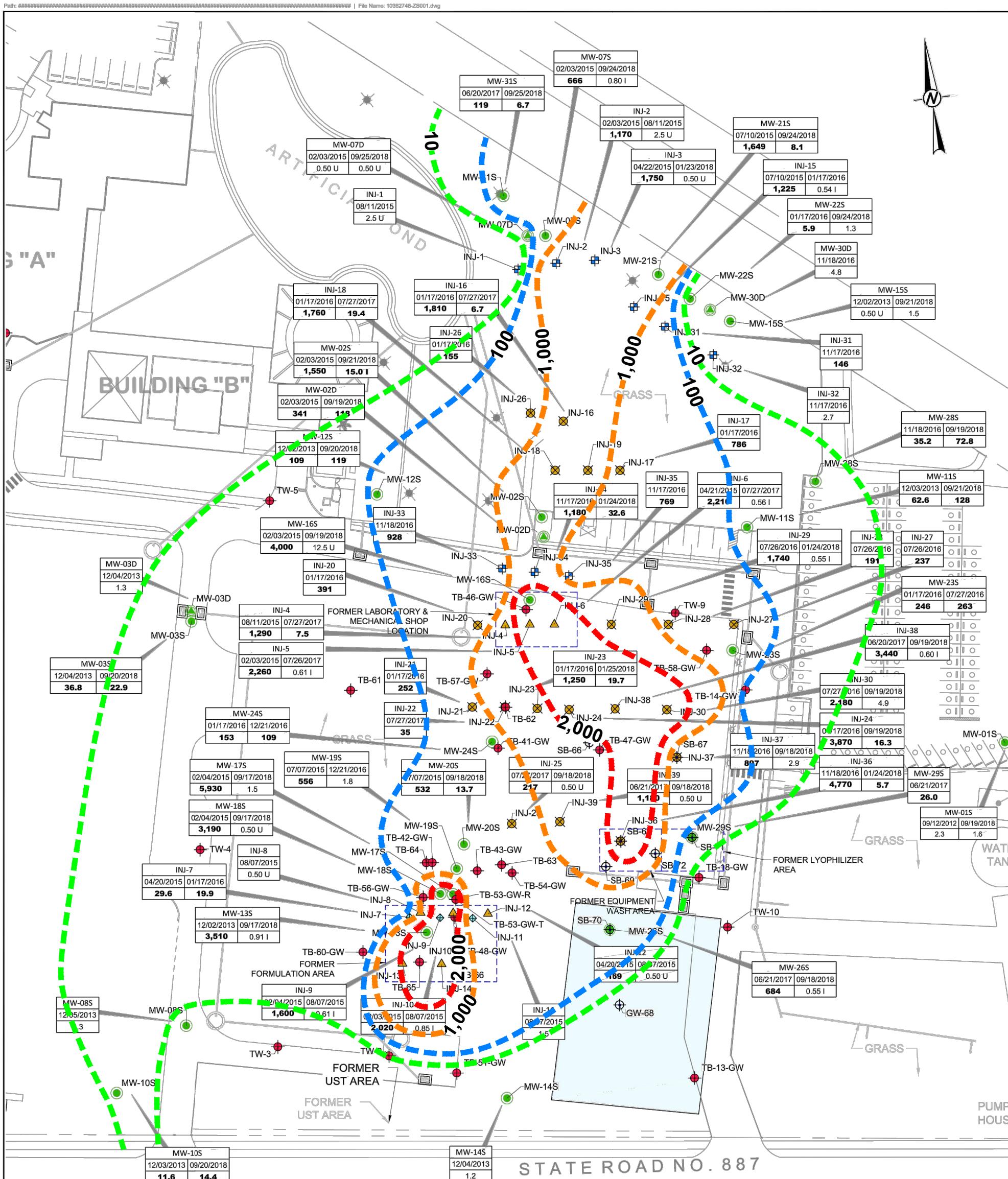
APPROVED JP

TITLE
VINYL CHLORIDE ANALYTICAL RESULTS IN GROUNDWATER (SEPTEMBER 2018)

PROJECT NO. 103-82746 Control No. 10382746-ZS006

REV. . FIGURE 6

30 0 30
APPROXIMATE SCALE FEET



LEGEND

●	SHALLOW MONITORING WELL	INJ-7	WELL ID No.
●	DEEP MONITORING WELL	1/17/16	DATE SAMPLED
●		5	TRICHLOROETHENE (TCE) (PPM)
■	BEDROCK INJECTION TREATMENT WELL (SCREEN INTERVAL ~20 TO 40 FEET-BGS)		
▲	OVERBURDEN INJECTION TREATMENT WELL (SCREEN INTERVAL ~40 TO 50 FEET BGS)		
◆	OVERBURDEN INJECTION TREATMENT WELL (SCREEN INTERVAL ~50 TO 60 FEET BGS)		
○	INJECTION TREATMENT WELL LOCATION (OVERBURDEN)		
●	TEMPORARY MONITORING WELL	■ ■ ■	> 2,000 µg/L
○	SOIL BORING LOCATION	■ ■ ■	> 1,000 µg/L
□	OCTOBER 2013 EXCAVATION AREA	■ ■ ■	> 100 µg/L
■		■ ■ ■	> 10 µg/L

NOTE(S)

1.) ALL SITE BUILDINGS WITH THE EXCEPTION OF BUILDINGS A, B, AND F
WERE DEMOLISHED IN 2013.

REFERENCE(S)

1.) BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME
"C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18/2008.

REFERENCE(S)

1.) BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME
"C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18

CLIENT Pfizer	PROJECT Pfizer-CAROLINA
CONSULTANT  GOLDER	<p>YYYY-MM-DD 2018-10-05</p> <hr/> <p>DESIGNED MCC</p> <hr/> <p>PREPARED BCL</p> <hr/> <p>REVIEWED MCC</p> <hr/> <p>APPROVED JP</p>
	<p>TITLE GROUNDWATER ANALYTICAL SUMMARY FOR TCE (w/ PRE-INJECTION ISOCONTOURS)</p> <hr/> <p>PROJECT NO. Control No. REV.</p> <p>103-82746 10382746-ZS001d .</p>

LEGEND					
	SHALLOW MONITORING WELL				
	DEEP MONITORING WELL				
	BEDROCK INJECTION TREATMENT WELL (SCREEN INTERVAL ~20 TO 40 FEET-BGS)	<table border="1"> <tr><td>INJ-7</td></tr> <tr><td>1/17/16</td></tr> <tr><td>5</td></tr> </table>	INJ-7	1/17/16	5
INJ-7					
1/17/16					
5					
	OVERBURDEN INJECTION TREATMENT WELL (SCREEN INTERVAL ~40 TO 50 FEET BGS)				
	OVERBURDEN INJECTION TREATMENT WELL (SCREEN INTERVAL ~50 TO 60 FEET BGS)				
	INJECTION TREATMENT WELL LOCATION (OVERBURDEN)				
	TEMPORARY MONITORING WELL	> 100 µg/L			
	SOIL BORING LOCATION	> 10 µg/L			
	OCTOBER 2013 EXCAVATION AREA				
		POST-INJE			

NOTE(S)

1.) ALL SITE BUILDINGS WITH THE EXCEPTION OF BUILDINGS A, B, AND F WERE DEMOLISHED IN 2013.

REFERENCE(S)

1.) BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME "C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18/2008.

REFERENCE(S)

1.) BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME
"C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18/2008.

CLIENT Pfizer	PROJECT Pfizer-CAROLINA
CONSULTANT  GOLDER	<p>YYYY-MM-DD 2018-10-05</p> <hr/> <p>DESIGNED MCC</p> <hr/> <p>PREPARED BCL</p> <hr/> <p>REVIEWED MCC</p> <hr/> <p>APPROVED JP</p>
	<p>TITLE GROUNDWATER ANALYTICAL SUMMARY FOR TCE (w/ POST-INJECTION ISOCONTOURS) (SEPTEMBER 2018)</p>
	<p>PROJECT NO. 103-82746</p> <p>Control No. 10382746-ZS001d</p> <p>REV. .</p>

ATTACHMENT A
Laboratory Analytical Reports

February 07, 2018

Kirk Blevins
Golder Associates, Inc.
9428 Baymeadows Pkwy, Ste. 400
Jacksonville, FL 32256

RE: Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Dear Kirk Blevins:

Enclosed are the analytical results for sample(s) received by the laboratory on January 26, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea
todd.rea@pacelabs.com
(386) 676-4805
Project Manager

Enclosures

cc: Jax_Labdata, Golder Associates, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Wyoming Certification: FL NELAC Reciprocity
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35370729001	MW-31S	Water	01/23/18 13:45	01/26/18 10:30
35370729002	MW-07D	Water	01/23/18 14:10	01/26/18 10:30
35370729003	MW-07S	Water	01/23/18 14:55	01/26/18 10:30
35370729004	Inj-3	Water	01/23/18 15:45	01/26/18 10:30
35370729005	MW-21S	Water	01/23/18 16:45	01/26/18 10:30
35370729006	MW-2D	Water	01/24/18 08:35	01/26/18 10:30
35370729007	Inj-34	Water	01/24/18 09:35	01/26/18 10:30
35370729008	Inj-29	Water	01/24/18 10:30	01/26/18 10:30
35370729009	Inj-30	Water	01/24/18 12:50	01/26/18 10:30
35370729010	Inj-36	Water	01/24/18 14:15	01/26/18 10:30
35370729011	Inj-23	Water	01/25/18 09:30	01/26/18 10:30
35370729012	Inj-24	Water	01/25/18 11:00	01/26/18 10:30
35370729013	MW-28	Water	01/25/18 12:15	01/26/18 10:30
35370729014	MW-13S	Water	01/25/18 14:40	01/26/18 10:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35370729001	MW-31S	EPA 8260	BTN	34	PASI-O
35370729002	MW-07D	EPA 8260	BTN	34	PASI-O
35370729003	MW-07S	EPA 8260	BTN, SK1	34	PASI-O
35370729004	Inj-3	EPA 8260	BTN	34	PASI-O
35370729005	MW-21S	EPA 8260	BTN	34	PASI-O
35370729006	MW-2D	EPA 8260	BTN, SK1	34	PASI-O
35370729007	Inj-34	EPA 8260	BTN	34	PASI-O
35370729008	Inj-29	EPA 8260	BTN	34	PASI-O
35370729009	Inj-30	EPA 8260	BTN	34	PASI-O
35370729010	Inj-36	EPA 8260	BTN	34	PASI-O
35370729011	Inj-23	EPA 8260	BTN, SK1	34	PASI-O
35370729012	Inj-24	EPA 8260	BTN, SK1	34	PASI-O
35370729013	MW-28	EPA 8260	BTN, SK1	34	PASI-O
35370729014	MW-13S	EPA 8260	BTN, SK1	34	PASI-O

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Pfizer-Carolina PR

Pace Project No.: 35370729

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35370729001	MW-31S					
EPA 8260	1,2-Dichloroethene (Total)	23.9	ug/L	1.0	02/03/18 12:47	N2
EPA 8260	cis-1,2-Dichloroethene	15.7	ug/L	1.0	02/03/18 12:47	
EPA 8260	trans-1,2-Dichloroethene	8.3	ug/L	1.0	02/03/18 12:47	
EPA 8260	Trichloroethene	6.5	ug/L	1.0	02/03/18 12:47	
EPA 8260	Vinyl chloride	26.6	ug/L	1.0	02/03/18 12:47	
35370729002	MW-07D					
EPA 8260	1,2-Dichloroethene (Total)	0.86 I	ug/L	1.0	02/03/18 13:11	N2
EPA 8260	trans-1,2-Dichloroethene	0.50 I	ug/L	1.0	02/03/18 13:11	
EPA 8260	Vinyl chloride	0.52 I	ug/L	1.0	02/03/18 13:11	
35370729003	MW-07S					
EPA 8260	Chloroethane	1.8 I	ug/L	10.0	02/03/18 13:35	
EPA 8260	1,2-Dichloroethene (Total)	275	ug/L	10.0	02/06/18 01:35	N2
EPA 8260	1,1-Dichloroethene	0.59 I	ug/L	1.0	02/03/18 13:35	
EPA 8260	cis-1,2-Dichloroethene	209	ug/L	10.0	02/06/18 01:35	
EPA 8260	trans-1,2-Dichloroethene	66.4	ug/L	1.0	02/03/18 13:35	
EPA 8260	Vinyl chloride	170	ug/L	1.0	02/03/18 13:35	
35370729004	Inj-3					
EPA 8260	Chloroethane	0.93 I	ug/L	10.0	02/03/18 13:59	
EPA 8260	1,2-Dichloroethene (Total)	13.2	ug/L	1.0	02/03/18 13:59	N2
EPA 8260	cis-1,2-Dichloroethene	9.5	ug/L	1.0	02/03/18 13:59	
EPA 8260	trans-1,2-Dichloroethene	3.7	ug/L	1.0	02/03/18 13:59	
EPA 8260	Vinyl chloride	11.2	ug/L	1.0	02/03/18 13:59	
35370729005	MW-21S					
EPA 8260	Chloroethane	2.1 I	ug/L	10.0	02/03/18 14:23	
EPA 8260	1,2-Dichloroethene (Total)	938	ug/L	25.0	02/06/18 18:32	N2
EPA 8260	1,1-Dichloroethene	2.9	ug/L	1.0	02/03/18 14:23	
EPA 8260	cis-1,2-Dichloroethene	785	ug/L	25.0	02/06/18 18:32	
EPA 8260	trans-1,2-Dichloroethene	153	ug/L	1.0	02/03/18 14:23	
EPA 8260	Trichloroethene	43.0	ug/L	1.0	02/03/18 14:23	
EPA 8260	Vinyl chloride	351	ug/L	25.0	02/06/18 18:32	
35370729006	MW-2D					
EPA 8260	1,2-Dichloroethene (Total)	1310	ug/L	50.0	02/06/18 02:24	N2
EPA 8260	1,1-Dichloroethene	8.2	ug/L	1.0	02/03/18 14:47	
EPA 8260	cis-1,2-Dichloroethene	1250	ug/L	50.0	02/06/18 02:24	
EPA 8260	trans-1,2-Dichloroethene	60.7	ug/L	1.0	02/03/18 14:47	
EPA 8260	Trichloroethene	269	ug/L	50.0	02/06/18 02:24	
EPA 8260	Vinyl chloride	166	ug/L	1.0	02/03/18 14:47	
35370729007	Inj-34					
EPA 8260	Chloroethane	0.62 I	ug/L	10.0	02/03/18 15:11	
EPA 8260	1,1-Dichloroethane	0.68 I	ug/L	1.0	02/03/18 15:11	
EPA 8260	1,2-Dichloroethene (Total)	167	ug/L	1.0	02/03/18 15:11	N2
EPA 8260	1,1-Dichloroethene	0.85 I	ug/L	1.0	02/03/18 15:11	
EPA 8260	cis-1,2-Dichloroethene	162	ug/L	1.0	02/03/18 15:11	
EPA 8260	trans-1,2-Dichloroethene	5.2	ug/L	1.0	02/03/18 15:11	

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SUMMARY OF DETECTION

Project: Pfizer-Carolina PR

Pace Project No.: 35370729

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35370729007	Inj-34					
EPA 8260	Trichloroethene	32.6	ug/L	1.0	02/03/18 15:11	
EPA 8260	Vinyl chloride	36.6	ug/L	1.0	02/03/18 15:11	
35370729008	Inj-29					
EPA 8260	1,2-Dichloroethene (Total)	5.0	ug/L	1.0	02/03/18 15:35	N2
EPA 8260	cis-1,2-Dichloroethene	3.7	ug/L	1.0	02/03/18 15:35	
EPA 8260	trans-1,2-Dichloroethene	1.3	ug/L	1.0	02/03/18 15:35	
EPA 8260	Trichloroethene	0.55 I	ug/L	1.0	02/03/18 15:35	
EPA 8260	Vinyl chloride	3.4	ug/L	1.0	02/03/18 15:35	
35370729009	Inj-30					
EPA 8260	1,2-Dichloroethene (Total)	388	ug/L	25.0	02/06/18 19:21	N2
EPA 8260	1,1-Dichloroethene	3.7	ug/L	1.0	02/03/18 15:59	
EPA 8260	cis-1,2-Dichloroethene	375	ug/L	25.0	02/06/18 19:21	
EPA 8260	trans-1,2-Dichloroethene	13.3	ug/L	1.0	02/03/18 15:59	
EPA 8260	Tetrachloroethene	0.80 I	ug/L	1.0	02/03/18 15:59	
EPA 8260	Trichloroethene	561	ug/L	25.0	02/06/18 19:21	
EPA 8260	Vinyl chloride	262	ug/L	25.0	02/06/18 19:21	
35370729010	Inj-36					
EPA 8260	1,2-Dichloroethene (Total)	26.9	ug/L	1.0	02/03/18 16:22	N2
EPA 8260	cis-1,2-Dichloroethene	13.4	ug/L	1.0	02/03/18 16:22	
EPA 8260	trans-1,2-Dichloroethene	13.4	ug/L	1.0	02/03/18 16:22	
EPA 8260	Trichloroethene	5.7	ug/L	1.0	02/03/18 16:22	
EPA 8260	Vinyl chloride	285	ug/L	10.0	02/06/18 19:46	
35370729011	Inj-23					
EPA 8260	Chloroethane	54.8	ug/L	10.0	02/03/18 16:46	
EPA 8260	1,2-Dichloroethene (Total)	1890	ug/L	100	02/06/18 23:27	N2
EPA 8260	1,1-Dichloroethene	5.1	ug/L	1.0	02/03/18 16:46	
EPA 8260	cis-1,2-Dichloroethene	1200	ug/L	100	02/06/18 23:27	
EPA 8260	trans-1,2-Dichloroethene	691	ug/L	100	02/06/18 23:27	
EPA 8260	Trichloroethene	19.7	ug/L	1.0	02/03/18 16:46	
EPA 8260	Vinyl chloride	1910	ug/L	100	02/06/18 23:27	
35370729012	Inj-24					
EPA 8260	Chloroethane	1.6 I	ug/L	10.0	02/03/18 17:10	
EPA 8260	1,2-Dichloroethene (Total)	2310	ug/L	50.0	02/06/18 23:52	N2
EPA 8260	1,1-Dichloroethene	8.2	ug/L	1.0	02/03/18 17:10	
EPA 8260	cis-1,2-Dichloroethene	1450	ug/L	50.0	02/06/18 23:52	
EPA 8260	trans-1,2-Dichloroethene	869	ug/L	50.0	02/06/18 23:52	
EPA 8260	Trichloroethene	763	ug/L	50.0	02/06/18 23:52	
EPA 8260	Vinyl chloride	253	ug/L	50.0	02/06/18 23:52	
35370729013	MW-28					
EPA 8260	Chloroethane	27.6	ug/L	10.0	02/03/18 17:34	
EPA 8260	1,2-Dichloroethene (Total)	375	ug/L	10.0	02/07/18 00:16	N2
EPA 8260	1,1-Dichloroethene	0.54 I	ug/L	1.0	02/03/18 17:34	
EPA 8260	cis-1,2-Dichloroethene	134	ug/L	1.0	02/03/18 17:34	
EPA 8260	trans-1,2-Dichloroethene	241	ug/L	10.0	02/07/18 00:16	

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SUMMARY OF DETECTION

Project: Pfizer-Carolina PR
 Pace Project No.: 35370729

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
35370729013	MW-28						
EPA 8260	Trichloroethene	3.2	ug/L	1.0	02/03/18 17:34		
EPA 8260	Vinyl chloride	343	ug/L	10.0	02/07/18 00:16		
35370729014	MW-13S						
EPA 8260	Chloroethane	1.2	ug/L	10.0	02/03/18 17:57		
EPA 8260	1,2-Dichloroethene (Total)	502	ug/L	10.0	02/07/18 00:41	N2	
EPA 8260	cis-1,2-Dichloroethene	76.2	ug/L	1.0	02/03/18 17:57		
EPA 8260	trans-1,2-Dichloroethene	425	ug/L	10.0	02/07/18 00:41		
EPA 8260	Trichloroethene	11.4	ug/L	1.0	02/03/18 17:57		
EPA 8260	Vinyl chloride	109	ug/L	1.0	02/03/18 17:57		

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35370729

Sample: MW-31S **Lab ID: 35370729001** Collected: 01/23/18 13:45 Received: 01/26/18 10:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 12:47	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 12:47	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 12:47	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		02/03/18 12:47	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 12:47	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 12:47	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 12:47	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	107-06-2	
1,2-Dichloroethene (Total)	23.9	ug/L	1.0	0.50	1		02/03/18 12:47	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	75-35-4	
cis-1,2-Dichloroethene	15.7	ug/L	1.0	0.50	1		02/03/18 12:47	156-59-2	
trans-1,2-Dichloroethene	8.3	ug/L	1.0	0.50	1		02/03/18 12:47	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 12:47	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 12:47	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 12:47	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 12:47	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	79-00-5	
Trichloroethene	6.5	ug/L	1.0	0.50	1		02/03/18 12:47	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 12:47	75-69-4	
Vinyl chloride	26.6	ug/L	1.0	0.50	1		02/03/18 12:47	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	89-111		1		02/03/18 12:47	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	75-135		1		02/03/18 12:47	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		02/03/18 12:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35370729

Sample: MW-07D **Lab ID: 35370729002** Collected: 01/23/18 14:10 Received: 01/26/18 10:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 13:11	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 13:11	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 13:11	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		02/03/18 13:11	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 13:11	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 13:11	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 13:11	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	107-06-2	
1,2-Dichloroethene (Total)	0.86 I	ug/L	1.0	0.50	1		02/03/18 13:11	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	156-59-2	
trans-1,2-Dichloroethene	0.50 I	ug/L	1.0	0.50	1		02/03/18 13:11	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 13:11	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 13:11	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 13:11	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 13:11	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:11	75-69-4	
Vinyl chloride	0.52 I	ug/L	1.0	0.50	1		02/03/18 13:11	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	97	%	89-111		1		02/03/18 13:11	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	75-135		1		02/03/18 13:11	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		02/03/18 13:11	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: MW-07S	Lab ID: 35370729003	Collected: 01/23/18 14:55	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 13:35	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 13:35	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 13:35	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	108-90-7	
Chloroethane	1.8 I	ug/L	10.0	0.50	1		02/03/18 13:35	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 13:35	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 13:35	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 13:35	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	107-06-2	
1,2-Dichloroethene (Total)	275	ug/L	10.0	5.0	10		02/06/18 01:35	540-59-0	N2
1,1-Dichloroethene	0.59 I	ug/L	1.0	0.50	1		02/03/18 13:35	75-35-4	
cis-1,2-Dichloroethene	209	ug/L	10.0	5.0	10		02/06/18 01:35	156-59-2	
trans-1,2-Dichloroethene	66.4	ug/L	1.0	0.50	1		02/03/18 13:35	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 13:35	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 13:35	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 13:35	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 13:35	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:35	75-69-4	
Vinyl chloride	170	ug/L	1.0	0.50	1		02/03/18 13:35	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	97	%	89-111		1		02/03/18 13:35	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	75-135		1		02/03/18 13:35	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		02/03/18 13:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: Inj-3	Lab ID: 35370729004	Collected: 01/23/18 15:45	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 13:59	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 13:59	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 13:59	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	108-90-7	
Chloroethane	0.93 I	ug/L	10.0	0.50	1		02/03/18 13:59	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 13:59	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 13:59	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 13:59	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	107-06-2	
1,2-Dichloroethene (Total)	13.2	ug/L	1.0	0.50	1		02/03/18 13:59	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	75-35-4	
cis-1,2-Dichloroethene	9.5	ug/L	1.0	0.50	1		02/03/18 13:59	156-59-2	
trans-1,2-Dichloroethene	3.7	ug/L	1.0	0.50	1		02/03/18 13:59	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 13:59	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 13:59	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 13:59	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 13:59	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 13:59	75-69-4	
Vinyl chloride	11.2	ug/L	1.0	0.50	1		02/03/18 13:59	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	89-111		1		02/03/18 13:59	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	75-135		1		02/03/18 13:59	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		02/03/18 13:59	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: MW-21S **Lab ID: 35370729005** Collected: 01/23/18 16:45 Received: 01/26/18 10:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 14:23	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 14:23	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 14:23	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	108-90-7	
Chloroethane	2.1 I	ug/L	10.0	0.50	1		02/03/18 14:23	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 14:23	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 14:23	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 14:23	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	107-06-2	
1,2-Dichloroethene (Total)	938	ug/L	25.0	12.5	25		02/06/18 18:32	540-59-0	N2
1,1-Dichloroethene	2.9	ug/L	1.0	0.50	1		02/03/18 14:23	75-35-4	
cis-1,2-Dichloroethene	785	ug/L	25.0	12.5	25		02/06/18 18:32	156-59-2	
trans-1,2-Dichloroethene	153	ug/L	1.0	0.50	1		02/03/18 14:23	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 14:23	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 14:23	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 14:23	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 14:23	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	79-00-5	
Trichloroethene	43.0	ug/L	1.0	0.50	1		02/03/18 14:23	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:23	75-69-4	
Vinyl chloride	351	ug/L	25.0	12.5	25		02/06/18 18:32	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	89-111		1		02/03/18 14:23	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	75-135		1		02/03/18 14:23	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		02/03/18 14:23	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: MW-2D	Lab ID: 35370729006	Collected: 01/24/18 08:35	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 14:47	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 14:47	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 14:47	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		02/03/18 14:47	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 14:47	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 14:47	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 14:47	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	107-06-2	
1,2-Dichloroethene (Total)	1310	ug/L	50.0	25.0	50		02/06/18 02:24	540-59-0	N2
1,1-Dichloroethene	8.2	ug/L	1.0	0.50	1		02/03/18 14:47	75-35-4	
cis-1,2-Dichloroethene	1250	ug/L	50.0	25.0	50		02/06/18 02:24	156-59-2	
trans-1,2-Dichloroethene	60.7	ug/L	1.0	0.50	1		02/03/18 14:47	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 14:47	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 14:47	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 14:47	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 14:47	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	79-00-5	
Trichloroethene	269	ug/L	50.0	25.0	50		02/06/18 02:24	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 14:47	75-69-4	
Vinyl chloride	166	ug/L	1.0	0.50	1		02/03/18 14:47	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	89-111		1		02/03/18 14:47	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	75-135		1		02/03/18 14:47	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		02/03/18 14:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: Inj-34	Lab ID: 35370729007	Collected: 01/24/18 09:35	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 15:11	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 15:11	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 15:11	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	108-90-7	
Chloroethane	0.62 I	ug/L	10.0	0.50	1		02/03/18 15:11	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 15:11	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 15:11	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 15:11	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	75-71-8	
1,1-Dichloroethane	0.68 I	ug/L	1.0	0.50	1		02/03/18 15:11	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	107-06-2	
1,2-Dichloroethene (Total)	167	ug/L	1.0	0.50	1		02/03/18 15:11	540-59-0	N2
1,1-Dichloroethene	0.85 I	ug/L	1.0	0.50	1		02/03/18 15:11	75-35-4	
cis-1,2-Dichloroethene	162	ug/L	1.0	0.50	1		02/03/18 15:11	156-59-2	
trans-1,2-Dichloroethene	5.2	ug/L	1.0	0.50	1		02/03/18 15:11	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 15:11	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 15:11	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 15:11	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 15:11	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	79-00-5	
Trichloroethene	32.6	ug/L	1.0	0.50	1		02/03/18 15:11	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:11	75-69-4	
Vinyl chloride	36.6	ug/L	1.0	0.50	1		02/03/18 15:11	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	100	%	89-111		1		02/03/18 15:11	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	75-135		1		02/03/18 15:11	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		02/03/18 15:11	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: Inj-29	Lab ID: 35370729008	Collected: 01/24/18 10:30	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 15:35	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 15:35	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 15:35	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		02/03/18 15:35	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 15:35	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 15:35	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 15:35	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	107-06-2	
1,2-Dichloroethene (Total)	5.0	ug/L	1.0	0.50	1		02/03/18 15:35	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	75-35-4	
cis-1,2-Dichloroethene	3.7	ug/L	1.0	0.50	1		02/03/18 15:35	156-59-2	
trans-1,2-Dichloroethene	1.3	ug/L	1.0	0.50	1		02/03/18 15:35	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 15:35	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 15:35	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 15:35	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 15:35	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	79-00-5	
Trichloroethene	0.55 I	ug/L	1.0	0.50	1		02/03/18 15:35	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:35	75-69-4	
Vinyl chloride	3.4	ug/L	1.0	0.50	1		02/03/18 15:35	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	89-111		1		02/03/18 15:35	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	75-135		1		02/03/18 15:35	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		02/03/18 15:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: Inj-30	Lab ID: 35370729009	Collected: 01/24/18 12:50	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 15:59	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 15:59	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 15:59	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		02/03/18 15:59	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 15:59	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 15:59	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 15:59	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	107-06-2	
1,2-Dichloroethene (Total)	388	ug/L	25.0	12.5	25		02/06/18 19:21	540-59-0	N2
1,1-Dichloroethene	3.7	ug/L	1.0	0.50	1		02/03/18 15:59	75-35-4	
cis-1,2-Dichloroethene	375	ug/L	25.0	12.5	25		02/06/18 19:21	156-59-2	
trans-1,2-Dichloroethene	13.3	ug/L	1.0	0.50	1		02/03/18 15:59	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 15:59	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 15:59	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 15:59	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 15:59	79-34-5	
Tetrachloroethene	0.80 I	ug/L	1.0	0.50	1		02/03/18 15:59	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	79-00-5	
Trichloroethene	561	ug/L	25.0	12.5	25		02/06/18 19:21	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 15:59	75-69-4	
Vinyl chloride	262	ug/L	25.0	12.5	25		02/06/18 19:21	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	89-111		1		02/03/18 15:59	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	75-135		1		02/03/18 15:59	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		02/03/18 15:59	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35370729

Sample: Inj-36	Lab ID: 35370729010	Collected: 01/24/18 14:15	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 16:22	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 16:22	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 16:22	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		02/03/18 16:22	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 16:22	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 16:22	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 16:22	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	107-06-2	
1,2-Dichloroethene (Total)	26.9	ug/L	1.0	0.50	1		02/03/18 16:22	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	75-35-4	
cis-1,2-Dichloroethene	13.4	ug/L	1.0	0.50	1		02/03/18 16:22	156-59-2	
trans-1,2-Dichloroethene	13.4	ug/L	1.0	0.50	1		02/03/18 16:22	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 16:22	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 16:22	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 16:22	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 16:22	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	79-00-5	
Trichloroethene	5.7	ug/L	1.0	0.50	1		02/03/18 16:22	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:22	75-69-4	
Vinyl chloride	285	ug/L	10.0	5.0	10		02/06/18 19:46	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	89-111		1		02/03/18 16:22	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	75-135		1		02/03/18 16:22	17060-07-0	
Toluene-d8 (S)	101	%	89-112		1		02/03/18 16:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: Inj-23	Lab ID: 35370729011	Collected: 01/25/18 09:30	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 16:46	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 16:46	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 16:46	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	108-90-7	
Chloroethane	54.8	ug/L	10.0	0.50	1		02/03/18 16:46	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 16:46	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 16:46	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 16:46	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	107-06-2	
1,2-Dichloroethene (Total)	1890	ug/L	100	50.0	100		02/06/18 23:27	540-59-0	N2
1,1-Dichloroethene	5.1	ug/L	1.0	0.50	1		02/03/18 16:46	75-35-4	
cis-1,2-Dichloroethene	1200	ug/L	100	50.0	100		02/06/18 23:27	156-59-2	
trans-1,2-Dichloroethene	691	ug/L	100	50.0	100		02/06/18 23:27	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 16:46	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 16:46	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 16:46	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 16:46	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	79-00-5	
Trichloroethene	19.7	ug/L	1.0	0.50	1		02/03/18 16:46	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 16:46	75-69-4	
Vinyl chloride	1910	ug/L	100	50.0	100		02/06/18 23:27	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	89-111		1		02/03/18 16:46	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	75-135		1		02/03/18 16:46	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		02/03/18 16:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: Inj-24	Lab ID: 35370729012	Collected: 01/25/18 11:00	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 17:10	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 17:10	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 17:10	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	108-90-7	
Chloroethane	1.6 I	ug/L	10.0	0.50	1		02/03/18 17:10	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 17:10	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 17:10	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 17:10	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	107-06-2	
1,2-Dichloroethene (Total)	2310	ug/L	50.0	25.0	50		02/06/18 23:52	540-59-0	N2
1,1-Dichloroethene	8.2	ug/L	1.0	0.50	1		02/03/18 17:10	75-35-4	
cis-1,2-Dichloroethene	1450	ug/L	50.0	25.0	50		02/06/18 23:52	156-59-2	
trans-1,2-Dichloroethene	869	ug/L	50.0	25.0	50		02/06/18 23:52	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 17:10	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 17:10	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 17:10	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 17:10	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	79-00-5	
Trichloroethene	763	ug/L	50.0	25.0	50		02/06/18 23:52	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:10	75-69-4	
Vinyl chloride	253	ug/L	50.0	25.0	50		02/06/18 23:52	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	89-111		1		02/03/18 17:10	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	75-135		1		02/03/18 17:10	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		02/03/18 17:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: MW-28	Lab ID: 35370729013	Collected: 01/25/18 12:15	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 17:34	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 17:34	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 17:34	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	108-90-7	
Chloroethane	27.6	ug/L	10.0	0.50	1		02/03/18 17:34	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 17:34	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 17:34	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 17:34	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	107-06-2	
1,2-Dichloroethene (Total)	375	ug/L	10.0	5.0	10		02/07/18 00:16	540-59-0	N2
1,1-Dichloroethene	0.54 I	ug/L	1.0	0.50	1		02/03/18 17:34	75-35-4	
cis-1,2-Dichloroethene	134	ug/L	1.0	0.50	1		02/03/18 17:34	156-59-2	
trans-1,2-Dichloroethene	241	ug/L	10.0	5.0	10		02/07/18 00:16	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 17:34	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 17:34	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 17:34	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 17:34	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	79-00-5	
Trichloroethene	3.2	ug/L	1.0	0.50	1		02/03/18 17:34	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:34	75-69-4	
Vinyl chloride	343	ug/L	10.0	5.0	10		02/07/18 00:16	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	89-111		1		02/03/18 17:34	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	75-135		1		02/03/18 17:34	17060-07-0	
Toluene-d8 (S)	102	%	89-112		1		02/03/18 17:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Sample: MW-13S	Lab ID: 35370729014	Collected: 01/25/18 14:40	Received: 01/26/18 10:30	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		02/03/18 17:57	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		02/03/18 17:57	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		02/03/18 17:57	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	108-90-7	
Chloroethane	1.2 I	ug/L	10.0	0.50	1		02/03/18 17:57	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		02/03/18 17:57	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		02/03/18 17:57	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		02/03/18 17:57	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	107-06-2	
1,2-Dichloroethene (Total)	502	ug/L	10.0	5.0	10		02/07/18 00:41	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	75-35-4	
cis-1,2-Dichloroethene	76.2	ug/L	1.0	0.50	1		02/03/18 17:57	156-59-2	
trans-1,2-Dichloroethene	425	ug/L	10.0	5.0	10		02/07/18 00:41	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 17:57	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		02/03/18 17:57	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		02/03/18 17:57	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		02/03/18 17:57	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	79-00-5	
Trichloroethene	11.4	ug/L	1.0	0.50	1		02/03/18 17:57	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		02/03/18 17:57	75-69-4	
Vinyl chloride	109	ug/L	1.0	0.50	1		02/03/18 17:57	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	97	%	89-111		1		02/03/18 17:57	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	75-135		1		02/03/18 17:57	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		02/03/18 17:57	2037-26-5	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35370729

QC Batch:	423372	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	35370729001, 35370729002, 35370729003, 35370729004, 35370729005, 35370729006, 35370729007, 35370729008, 35370729009, 35370729010, 35370729011, 35370729012, 35370729013, 35370729014		

METHOD BLANK: 2304587 Matrix: Water

Associated Lab Samples: 35370729001, 35370729002, 35370729003, 35370729004, 35370729005, 35370729006, 35370729007, 35370729008, 35370729009, 35370729010, 35370729011, 35370729012, 35370729013, 35370729014

Parameter	Units	Blank	Reporting	MDL	Analyzed	Qualifiers
		Result	Limit			
1,1,1-Trichloroethane	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
1,1,2-Tetrachloroethane	ug/L	0.12 U	0.50	0.12	02/03/18 11:12	
1,1,2-Trichloroethane	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
1,1-Dichloroethane	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
1,1-Dichloroethene	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
1,2-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
1,2-Dichloroethane	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
1,2-Dichloroethene (Total)	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	N2
1,2-Dichloropropane	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
1,3-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
1,4-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
2-Chloroethylvinyl ether	ug/L	0.50 U	40.0	0.50	02/03/18 11:12	
Bromodichloromethane	ug/L	0.27 U	0.60	0.27	02/03/18 11:12	
Bromoform	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
Bromomethane	ug/L	0.50 U	5.0	0.50	02/03/18 11:12	
Carbon tetrachloride	ug/L	0.50 U	3.0	0.50	02/03/18 11:12	
Chlorobenzene	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
Chloroethane	ug/L	0.50 U	10.0	0.50	02/03/18 11:12	
Chloroform	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
Chloromethane	ug/L	0.62 U	1.0	0.62	02/03/18 11:12	
cis-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	02/03/18 11:12	
Dibromochloromethane	ug/L	0.26 U	2.0	0.26	02/03/18 11:12	
Dichlorodifluoromethane	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
Methylene Chloride	ug/L	2.5 U	5.0	2.5	02/03/18 11:12	
Tetrachloroethene	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
trans-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	02/03/18 11:12	
Trichloroethene	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
Trichlorofluoromethane	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
Vinyl chloride	ug/L	0.50 U	1.0	0.50	02/03/18 11:12	
1,2-Dichloroethane-d4 (S)	%	100	75-135		02/03/18 11:12	
4-Bromofluorobenzene (S)	%	95	89-111		02/03/18 11:12	
Toluene-d8 (S)	%	101	89-112		02/03/18 11:12	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35370729

LABORATORY CONTROL SAMPLE: 2304588

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.9	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.7	98	70-130	
1,1,2-Trichloroethane	ug/L	20	19.9	100	70-130	
1,1-Dichloroethane	ug/L	20	22.2	111	70-130	
1,1-Dichloroethene	ug/L	20	21.3	107	65-134	
1,2-Dichlorobenzene	ug/L	20	20.7	103	70-130	
1,2-Dichloroethane	ug/L	20	19.7	98	70-130	
1,2-Dichloroethene (Total)	ug/L	40	41.1	103	70-130 N2	
1,2-Dichloropropane	ug/L	20	20.6	103	70-130	
1,3-Dichlorobenzene	ug/L	20	20.8	104	70-130	
1,4-Dichlorobenzene	ug/L	20	20.2	101	70-130	
2-Chloroethylvinyl ether	ug/L	20	19.9 I	99	46-136	
Bromodichloromethane	ug/L	20	19.6	98	70-130	
Bromoform	ug/L	20	19.4	97	62-129	
Bromomethane	ug/L	20	21.2	106	10-179	
Carbon tetrachloride	ug/L	20	19.6	98	66-127	
Chlorobenzene	ug/L	20	19.7	98	70-130	
Chloroethane	ug/L	20	22.2	111	57-142	
Chloroform	ug/L	20	19.5	97	70-130	
Chloromethane	ug/L	20	18.3	91	45-150	
cis-1,2-Dichloroethene	ug/L	20	20.5	103	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.2	101	70-130	
Dibromochloromethane	ug/L	20	19.1	96	70-130	
Dichlorodifluoromethane	ug/L	20	17.7	89	44-149	
Methylene Chloride	ug/L	20	20.3	102	65-127	
Tetrachloroethene	ug/L	20	20.6	103	48-155	
trans-1,2-Dichloroethene	ug/L	20	20.6	103	68-126	
trans-1,3-Dichloropropene	ug/L	20	20.2	101	70-130	
Trichloroethene	ug/L	20	20.0	100	69-129	
Trichlorofluoromethane	ug/L	20	20.6	103	60-144	
Vinyl chloride	ug/L	20	21.4	107	67-136	
1,2-Dichloroethane-d4 (S)	%			103	75-135	
4-Bromofluorobenzene (S)	%			99	89-111	
Toluene-d8 (S)	%			100	89-112	

MATRIX SPIKE SAMPLE: 2305058

Parameter	Units	35371057002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	0.50 U	20	21.5	108	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	20	17.2	86	70-130	
1,1,2-Trichloroethane	ug/L	0.50 U	20	17.4	87	70-130	
1,1-Dichloroethane	ug/L	0.50 U	20	21.6	108	70-130	
1,1-Dichloroethene	ug/L	0.50 U	20	22.3	112	65-134	
1,2-Dichlorobenzene	ug/L	0.50 U	20	18.6	93	70-130	
1,2-Dichloroethane	ug/L	0.50 U	20	18.5	91	70-130	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

MATRIX SPIKE SAMPLE: 2305058

Parameter	Units	35371057002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	10.8	40	52.6	92	70-130	N2
1,2-Dichloropropane	ug/L	0.50 U	20	19.6	98	70-130	
1,3-Dichlorobenzene	ug/L	0.50 U	20	19.4	97	70-130	
1,4-Dichlorobenzene	ug/L	0.50 U	20	18.4	92	70-130	
2-Chloroethylvinyl ether	ug/L	0.50 U	20	0.50 U	0	46-136	J(M1)
Bromodichloromethane	ug/L	0.27 U	20	18.8	94	70-130	
Bromoform	ug/L	0.50 U	20	16.8	84	62-129	
Bromomethane	ug/L	0.50 U	20	19.5	97	10-179	
Carbon tetrachloride	ug/L	0.50 U	20	20.0	100	66-127	
Chlorobenzene	ug/L	0.50 U	20	18.6	93	70-130	
Chloroethane	ug/L	0.50 U	20	22.9	114	57-142	
Chloroform	ug/L	0.50 U	20	19.4	97	70-130	
Chloromethane	ug/L	0.62 U	20	17.7	88	45-150	
cis-1,2-Dichloroethene	ug/L	10.7	20	31.1	84	70-130	
cis-1,3-Dichloropropene	ug/L	0.25 U	20	18.5	93	70-130	
Dibromochloromethane	ug/L	0.26 U	20	17.2	86	70-130	
Dichlorodifluoromethane	ug/L	0.50 U	20	18.8	94	44-149	
Methylene Chloride	ug/L	2.5 U	20	19.2	95	65-127	
Tetrachloroethene	ug/L	3.6	20	23.6	99	48-155	
trans-1,2-Dichloroethene	ug/L	0.71 I	20	21.4	101	68-126	
trans-1,3-Dichloropropene	ug/L	0.25 U	20	18.2	91	70-130	
Trichloroethene	ug/L	3.7	20	23.3	95	69-129	
Trichlorofluoromethane	ug/L	0.50 U	20	22.4	112	60-144	
Vinyl chloride	ug/L	0.50 U	20	22.1	109	67-136	
1,2-Dichloroethane-d4 (S)	%				102	75-135	
4-Bromofluorobenzene (S)	%				97	89-111	
Toluene-d8 (S)	%				99	89-112	

SAMPLE DUPLICATE: 2305057

Parameter	Units	35371057001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.12 U		40	
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethene	ug/L	4.7	4.9	3	40	
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethene (Total)	ug/L	715	694	3	40 N2	
1,2-Dichloropropane	ug/L	0.50 U	0.50 U		40	
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
2-Chloroethylvinyl ether	ug/L	0.50 U	0.50 U		40	
Bromodichloromethane	ug/L	0.27 U	0.27 U		40	
Bromoform	ug/L	0.50 U	0.50 U		40	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35370729

SAMPLE DUPLICATE: 2305057

Parameter	Units	35371057001 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromomethane	ug/L	0.50 U	0.50 U		40	
Carbon tetrachloride	ug/L	0.50 U	0.50 U		40	
Chlorobenzene	ug/L	0.50 U	0.50 U		40	
Chloroethane	ug/L	0.50 U	0.50 U		40	
Chloroform	ug/L	0.50 U	0.50 U		40	
Chloromethane	ug/L	0.62 U	0.62 U		40	
cis-1,2-Dichloroethene	ug/L	706	684	3	40	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Dibromochloromethane	ug/L	0.26 U	0.26 U		40	
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U		40	
Methylene Chloride	ug/L	2.5 U	2.5 U		40	
Tetrachloroethene	ug/L	81.2	80.2	1	40	
trans-1,2-Dichloroethene	ug/L	9.5	9.3	2	40	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Trichloroethene	ug/L	245	247	1	40	
Trichlorofluoromethane	ug/L	0.50 U	0.50 U		40	
Vinyl chloride	ug/L	200	220	9	40 L	
1,2-Dichloroethane-d4 (S)	%	102	101	1	40	
4-Bromofluorobenzene (S)	%	97	97	0	40	
Toluene-d8 (S)	%	98	99	1	40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Compound was analyzed for but not detected.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- L Off-scale high. Actual value is known to be greater than value given.
- N2 The lab does not hold NELAC/TNI accreditation for this parameter.
- c2 Acid preservation may not be appropriate for the analysis of 2-Chloroethylvinyl ether.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pfizer-Carolina PR
Pace Project No.: 35370729

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35370729001	MW-31S	EPA 8260	423372		
35370729002	MW-07D	EPA 8260	423372		
35370729003	MW-07S	EPA 8260	423372		
35370729004	Inj-3	EPA 8260	423372		
35370729005	MW-21S	EPA 8260	423372		
35370729006	MW-2D	EPA 8260	423372		
35370729007	Inj-34	EPA 8260	423372		
35370729008	Inj-29	EPA 8260	423372		
35370729009	Inj-30	EPA 8260	423372		
35370729010	Inj-36	EPA 8260	423372		
35370729011	Inj-23	EPA 8260	423372		
35370729012	Inj-24	EPA 8260	423372		
35370729013	MW-28	EPA 8260	423372		
35370729014	MW-13S	EPA 8260	423372		

REPORT OF LABORATORY ANALYSIS

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35370729

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company: Golder Associates Inc Jacksonville
 Address: 9428 Baymeadows Pkwy, Ste. 400
 Jacksonville, FL 32256
 Email: kirk.blevins@golder.com
 Phone: 904-399-1100
 Requested Due Date:

Required Project Information:

Report To: Kirk Blevins
 Copy To:
 Purchase Order #:
 Project Name: Pfizer - Carolina Pkz
 Project #: Project 4

Section C

Invoice Information:

Attention:
 Company Name:
 Address:
 Pace Quote:
 Pace Project Manager: todd.rea@paceanalytical.com
 Pace Profile #: 2119-11

Page : 1 Of 2

Regulatory Agency

State / Location

PR

SAMPLE ID

One Character per box.
 (A-Z, 0-9 / -)
 Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

ITEM #

ITEM #	SAMPLE ID	ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)																
										COLLECTED				Preservatives				Requested Analysis Filtered (Y/N)											
										MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	START DATE	TIME	END DATE	TIME	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	CVOCs (8260)	Y/N			
1	MW-31 S		WT	6/25/18	13:45	12/3/18	13:45	-	3															X					
2	MW-07D		WT	11/11/18	14:10	11/11/18	14:10	-	3																X				
3	MW-075		WT	11/11/18	15:55	11/11/18	15:55	-	3																X				
4	Inj-3		WT	11/11/18	15:55	11/11/18	15:55	-	3																X				
5	MW-215		WT	11/11/18	16:45	11/11/18	16:45	-	3																X				
6	MW-2D		WT	11/11/18	20:05	12/5/18	09:35	-	3																X				
7	Inj-34		WT	11/11/18	09:35	11/11/18	09:35	-	3																X				
8	Inj-29		WT	11/11/18	10:30	11/11/18	10:30	-	3																X				
9	Inj-30		WT	11/11/18	12:50	11/11/18	12:50	-	3																X				
10	Inj-36		WT	11/11/18	14:15	11/11/18	14:15	-	3																X				
11	Inj-25		WT	11/11/18	09:30	12/5/18	09:30	-	3																X				
12	Inj-24		WT	11/11/18	11:00	11/11/18	21:00	-	3																X				

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER: <i>James Johnson</i>	
SIGNATURE of SAMPLER: <i>James Johnson</i>	
DATE Signed:	1/25/18

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:

Company: Golder Associates, Inc. Jacksonville
 Address: 9428 Baymeadows Pkwy, Ste. 400
 Jacksonville, FL 32256
 Email: kirk.blevins@golder.com
 Phone: [REDACTED] Fax: [REDACTED]
 Requested Due Date: [REDACTED]

Section B
Required Project Information:

Report To: Kirk Blevins
 Copy To: [REDACTED]
 Purchase Order #: [REDACTED]
 Project Name: Piper - Carolina PR
 Project #: [REDACTED]

Section C
Invoice Information:

Attention: [REDACTED]
 Company Name: [REDACTED]
 Address: [REDACTED]
 Pace Quote: [REDACTED]
 Pace Project Manager: todd.res@pace-labs.com
 Pace Project #: 2119-11

Page : 2 of 2

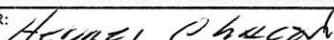
Regulatory Agency: [REDACTED]

State / Location: PR

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample IDs must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)									
						START DATE	END TIME			H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	CVOCs (8260)	Residual Chlorine (Y/N)
1	MW-28			W G	1/25/18 12:15	1/25/18 12:15		3			X								
2	MW-135			W G	1/11/18 14:30	1/11/18 14:30		3			X								
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS			
Samples present onto [Signature]				1/25/18 16:00				1/25/18	16:00	[Signature]				1/26	10:30	3.3	Y	Y	Y
																5.9	Y	N	
																7:30			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:



SIGNATURE of SAMPLER:



DATE Signed: 1/25/18

TEMP in C	
Received on Ice	(Y/N)
Custody Sealed	(Y/N)
Cooler	(Y/N)
Samples Intact	(Y/N)



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 12

Document Revised:
August 2, 2017
Issuing Authority:
Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #

WO# : 35370729

Project Manager:

PM: TSR Due Date: 02/02/18

Client:

CLIENT: GOLASC

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

Thermometer Used: T301

Date: 11/26/18

Time: 1030

Initials: SS

State of Origin:

Cooler #1 Temp.°C 5.9 (Visual) 0 (Correction Factor) 5.9 (Actual)

Samples on ice, cooling process has begun

Cooler #2 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #3 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #4 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #5 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #6 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace

Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground

International Priority

Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # 10093 2415 0193

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Preservation Information: Preservative: _____ / Lot #/Trace #: _____ / Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC, O&G, Carbamates		
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

Client Notification/ Resolution:

Person Contacted: _____

Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____

Date: _____

October 03, 2018

Mr. Matt Crews, PE
Golder Associates, Inc.
9428 Baymeadows Road
Suite 400
Jacksonville, FL 32256

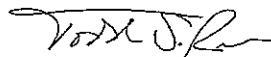
RE: Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Dear Mr. Crews, PE:

Enclosed are the analytical results for sample(s) received by the laboratory on September 26, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea
todd.rea@pacelabs.com
(904) 903-7948
Project Manager

Enclosures

cc: Jax_Labdata, Golder Associates, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Connecticut Certification #: PH-0216
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14

Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Wyoming Certification: FL NELAC Reciprocity
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Pfizer-Carolina PR
 Pace Project No.: 35420097

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35420097001	MW-17S	Water	09/17/18 12:50	09/26/18 11:40
35420097002	MW-18S	Water	09/17/18 14:25	09/26/18 11:40
35420097003	MW-13S	Water	09/17/18 15:45	09/26/18 11:40
35420097004	MW-20S	Water	09/18/18 07:50	09/26/18 11:40
35420097005	INJ-25	Water	09/18/18 09:30	09/26/18 11:40
35420097006	INJ-39	Water	09/18/18 10:55	09/26/18 11:40
35420097007	MW-26S	Water	09/18/18 13:25	09/26/18 11:40
35420097008	INJ-37	Water	09/18/18 15:15	09/26/18 11:40
35420097009	MW-28S	Water	09/19/18 07:30	09/26/18 11:40
35420097010	MW-01S	Water	09/19/18 09:00	09/26/18 11:40
35420097011	INJ-30	Water	09/19/18 10:15	09/26/18 11:40
35420097012	INJ-24	Water	09/19/18 13:25	09/26/18 11:40
35420097013	MW-16S	Water	09/19/18 14:30	09/26/18 11:40
35420097014	MW-09S	Water	09/20/18 07:25	09/26/18 11:40
35420097015	MW-10S	Water	09/20/18 09:00	09/26/18 11:40
35420097016	MW-03S	Water	09/20/18 09:55	09/26/18 11:40
35420097017	MW-12S	Water	09/20/18 15:30	09/26/18 11:40
35420097018	MW-2S	Water	09/21/18 08:25	09/26/18 11:40
35420097019	MW-11S	Water	09/21/18 09:40	09/26/18 11:40
35420097020	INJ-38	Water	09/19/18 11:20	09/26/18 11:40
35420097021	MW-2D	Water	09/19/18 15:30	09/26/18 11:40
35420097022	MW-15S	Water	09/21/18 11:00	09/26/18 11:40

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SAMPLE ANALYTE COUNT

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35420097001	MW-17S	EPA 8260	SK1	34	PASI-O
35420097002	MW-18S	EPA 8260	SK1	34	PASI-O
35420097003	MW-13S	EPA 8260	SK1	34	PASI-O
35420097004	MW-20S	EPA 8260	SK1	34	PASI-O
35420097005	INJ-25	EPA 8260	SK1	34	PASI-O
35420097006	INJ-39	EPA 8260	SK1	34	PASI-O
35420097007	MW-26S	EPA 8260	SK1	34	PASI-O
35420097008	INJ-37	EPA 8260	SK1	34	PASI-O
35420097009	MW-28S	EPA 8260	SK1	34	PASI-O
35420097010	MW-01S	EPA 8260	SK1	34	PASI-O
35420097011	INJ-30	EPA 8260	SK1	34	PASI-O
35420097012	INJ-24	EPA 8260	SK1	34	PASI-O
35420097013	MW-16S	EPA 8260	SK1	34	PASI-O
35420097014	MW-09S	EPA 8260	SK1	34	PASI-O
35420097015	MW-10S	EPA 8260	SK1	34	PASI-O
35420097016	MW-03S	EPA 8260	SK1	34	PASI-O
35420097017	MW-12S	EPA 8260	SK1	34	PASI-O
35420097018	MW-2S	EPA 8260	SK1	34	PASI-O
35420097019	MW-11S	EPA 8260	SK1	34	PASI-O
35420097020	INJ-38	EPA 8260	SK1	34	PASI-O
35420097021	MW-2D	EPA 8260	SK1	34	PASI-O
35420097022	MW-15S	EPA 8260	SK1	34	PASI-O

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
35420097001	MW-17S						
EPA 8260	Chloroethane	4.5	1	ug/L	10.0	09/27/18 02:24	
EPA 8260	1,2-Dichloroethene (Total)	20.2	ug/L	1.0	09/27/18 02:24	N2	
EPA 8260	cis-1,2-Dichloroethene	13.5	ug/L	1.0	09/27/18 02:24		
EPA 8260	trans-1,2-Dichloroethene	6.7	ug/L	1.0	09/27/18 02:24		
EPA 8260	Trichloroethene	1.5	ug/L	1.0	09/27/18 02:24		
EPA 8260	Vinyl chloride	27.5	ug/L	1.0	09/27/18 02:24		
35420097002	MW-18S						
EPA 8260	Chloroethane	5.7	1	ug/L	10.0	09/27/18 02:48	
EPA 8260	1,2-Dichloroethene (Total)	5.2	ug/L	1.0	09/27/18 02:48	N2	
EPA 8260	cis-1,2-Dichloroethene	2.0	ug/L	1.0	09/27/18 02:48		
EPA 8260	trans-1,2-Dichloroethene	3.1	ug/L	1.0	09/27/18 02:48		
EPA 8260	Vinyl chloride	4.1	ug/L	1.0	09/27/18 02:48		
35420097003	MW-13S						
EPA 8260	Chloroethane	15.3	ug/L	10.0	09/27/18 03:13		
EPA 8260	1,2-Dichloroethene (Total)	10.6	ug/L	1.0	09/27/18 03:13	N2	
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	09/27/18 03:13		
EPA 8260	trans-1,2-Dichloroethene	8.4	ug/L	1.0	09/27/18 03:13		
EPA 8260	Trichloroethene	0.91	1	ug/L	1.0	09/27/18 03:13	
EPA 8260	Vinyl chloride	9.6	ug/L	1.0	09/27/18 03:13		
35420097004	MW-20S						
EPA 8260	Chloroethane	4.3	1	ug/L	10.0	09/28/18 18:17	
EPA 8260	1,2-Dichloroethene (Total)	203	ug/L	1.0	09/28/18 18:17	N2	
EPA 8260	1,1-Dichloroethene	1.1	ug/L	1.0	09/28/18 18:17		
EPA 8260	cis-1,2-Dichloroethene	120	ug/L	1.0	09/28/18 18:17		
EPA 8260	trans-1,2-Dichloroethene	83.4	ug/L	1.0	09/28/18 18:17		
EPA 8260	Trichloroethene	13.7	ug/L	1.0	09/28/18 18:17		
EPA 8260	Vinyl chloride	77.2	ug/L	1.0	09/28/18 18:17		
35420097005	INJ-25						
EPA 8260	Chloroethane	1.4	1	ug/L	10.0	09/28/18 18:40	
EPA 8260	1,2-Dichloroethene (Total)	6.6	ug/L	1.0	09/28/18 18:40	N2	
EPA 8260	cis-1,2-Dichloroethene	2.2	ug/L	1.0	09/28/18 18:40		
EPA 8260	trans-1,2-Dichloroethene	4.4	ug/L	1.0	09/28/18 18:40		
EPA 8260	Vinyl chloride	3.7	ug/L	1.0	09/28/18 18:40		
35420097006	INJ-39						
EPA 8260	1,2-Dichloroethene (Total)	18.8	ug/L	1.0	09/28/18 19:04	N2	
EPA 8260	cis-1,2-Dichloroethene	1.7	ug/L	1.0	09/28/18 19:04		
EPA 8260	trans-1,2-Dichloroethene	17.1	ug/L	1.0	09/28/18 19:04		
EPA 8260	Vinyl chloride	5.4	ug/L	1.0	09/28/18 19:04		
35420097007	MW-26S						
EPA 8260	1,2-Dichloroethene (Total)	6.1	ug/L	1.0	09/28/18 19:28	N2	
EPA 8260	cis-1,2-Dichloroethene	2.0	ug/L	1.0	09/28/18 19:28		
EPA 8260	trans-1,2-Dichloroethene	4.1	ug/L	1.0	09/28/18 19:28		
EPA 8260	Trichloroethene	0.55	1	ug/L	1.0	09/28/18 19:28	
EPA 8260	Vinyl chloride	9.5	ug/L	1.0	09/28/18 19:28		

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SUMMARY OF DETECTION

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
35420097008	INJ-37						
EPA 8260	1,2-Dichloroethene (Total)	34.9	ug/L	1.0	09/28/18 19:52	N2	
EPA 8260	cis-1,2-Dichloroethene	32.1	ug/L	1.0	09/28/18 19:52		
EPA 8260	trans-1,2-Dichloroethene	2.8	ug/L	1.0	09/28/18 19:52		
EPA 8260	Trichloroethene	2.9	ug/L	1.0	09/28/18 19:52		
EPA 8260	Vinyl chloride	1.3	ug/L	1.0	09/28/18 19:52		
35420097009	MW-28S						
EPA 8260	1,2-Dichloroethene (Total)	19.5	ug/L	1.0	09/28/18 21:03	N2	
EPA 8260	1,1-Dichloroethene	0.74 I	ug/L	1.0	09/28/18 21:03		
EPA 8260	cis-1,2-Dichloroethene	15.4	ug/L	1.0	09/28/18 21:03		
EPA 8260	trans-1,2-Dichloroethene	4.1	ug/L	1.0	09/28/18 21:03		
EPA 8260	Trichloroethene	72.8	ug/L	1.0	09/28/18 21:03		
EPA 8260	Vinyl chloride	4.4	ug/L	1.0	09/28/18 21:03		
35420097010	MW-01S						
EPA 8260	Tetrachloroethene	1.0	ug/L	1.0	09/28/18 21:27		
EPA 8260	Trichloroethene	1.6	ug/L	1.0	09/28/18 21:27		
EPA 8260	Vinyl chloride	1.0	ug/L	1.0	09/28/18 21:27		
35420097011	INJ-30						
EPA 8260	Chloroethane	1.3 I	ug/L	10.0	09/29/18 15:48		
EPA 8260	1,2-Dichloroethene (Total)	47.6	ug/L	1.0	09/29/18 15:48	N2	
EPA 8260	cis-1,2-Dichloroethene	43.4	ug/L	1.0	09/29/18 15:48		
EPA 8260	trans-1,2-Dichloroethene	4.2	ug/L	1.0	09/29/18 15:48		
EPA 8260	Trichloroethene	4.9	ug/L	1.0	09/29/18 15:48		
EPA 8260	Vinyl chloride	3.3	ug/L	1.0	09/29/18 15:48		
35420097012	INJ-24						
EPA 8260	Chloroethane	2.3 I	ug/L	10.0	09/29/18 16:12		
EPA 8260	1,2-Dichloroethene (Total)	152	ug/L	1.0	09/29/18 16:12	N2	
EPA 8260	cis-1,2-Dichloroethene	120	ug/L	1.0	09/29/18 16:12		
EPA 8260	trans-1,2-Dichloroethene	31.9	ug/L	1.0	09/29/18 16:12		
EPA 8260	Trichloroethene	16.3	ug/L	1.0	09/29/18 16:12		
EPA 8260	Vinyl chloride	7.7	ug/L	1.0	09/29/18 16:12		
35420097013	MW-16S						
EPA 8260	1,2-Dichloroethene (Total)	999	ug/L	25.0	09/29/18 16:37	N2	
EPA 8260	cis-1,2-Dichloroethene	727	ug/L	25.0	09/29/18 16:37		
EPA 8260	trans-1,2-Dichloroethene	272	ug/L	25.0	09/29/18 16:37		
EPA 8260	Vinyl chloride	903	ug/L	25.0	09/29/18 16:37		
35420097014	MW-09S						
EPA 8260	1,1-Dichloroethane	1.2	ug/L	1.0	09/29/18 17:01		
EPA 8260	1,2-Dichloroethene (Total)	0.97 I	ug/L	1.0	09/29/18 17:01	N2	
EPA 8260	1,1-Dichloroethene	4.0	ug/L	1.0	09/29/18 17:01		
EPA 8260	cis-1,2-Dichloroethene	0.86 I	ug/L	1.0	09/29/18 17:01		
EPA 8260	Trichloroethene	8.1	ug/L	1.0	09/29/18 17:01		
35420097015	MW-10S						
EPA 8260	Bromodichloromethane	0.29 I	ug/L	0.60	09/29/18 17:26		

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SUMMARY OF DETECTION

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
35420097015	MW-10S						
EPA 8260	Chloroform	1.8	ug/L	1.0	09/29/18 17:26		
EPA 8260	1,2-Dichloroethene (Total)	18.3	ug/L	1.0	09/29/18 17:26	N2	
EPA 8260	1,1-Dichloroethene	2.8	ug/L	1.0	09/29/18 17:26		
EPA 8260	cis-1,2-Dichloroethene	18.1	ug/L	1.0	09/29/18 17:26		
EPA 8260	Tetrachloroethene	30.6	ug/L	1.0	09/29/18 17:26		
EPA 8260	Trichloroethene	14.4	ug/L	1.0	09/29/18 17:26		
EPA 8260	Vinyl chloride	1.8	ug/L	1.0	09/29/18 17:26		
35420097016	MW-03S						
EPA 8260	Chlorobenzene	1.0	ug/L	1.0	09/29/18 17:51		
EPA 8260	Chloroform	0.71 I	ug/L	1.0	09/29/18 17:51		
EPA 8260	Chloromethane	0.76 I	ug/L	1.0	09/29/18 17:51		
EPA 8260	1,1-Dichloroethane	1.2	ug/L	1.0	09/29/18 17:51		
EPA 8260	1,2-Dichloroethene (Total)	27.5	ug/L	1.0	09/29/18 17:51	N2	
EPA 8260	1,1-Dichloroethene	3.5	ug/L	1.0	09/29/18 17:51		
EPA 8260	cis-1,2-Dichloroethene	27.2	ug/L	1.0	09/29/18 17:51		
EPA 8260	Tetrachloroethene	89.0	ug/L	1.0	09/29/18 17:51		
EPA 8260	Trichloroethene	22.9	ug/L	1.0	09/29/18 17:51		
EPA 8260	Vinyl chloride	2.1	ug/L	1.0	09/29/18 17:51		
35420097017	MW-12S						
EPA 8260	1,2-Dichloroethene (Total)	32.9	ug/L	1.0	09/29/18 18:15	N2	
EPA 8260	1,1-Dichloroethene	1.3	ug/L	1.0	09/29/18 18:15		
EPA 8260	cis-1,2-Dichloroethene	32.1	ug/L	1.0	09/29/18 18:15		
EPA 8260	trans-1,2-Dichloroethene	0.74 I	ug/L	1.0	09/29/18 18:15		
EPA 8260	Tetrachloroethene	14.5	ug/L	1.0	09/29/18 18:15		
EPA 8260	Trichloroethene	119	ug/L	1.0	09/29/18 18:15		
EPA 8260	Vinyl chloride	0.72 I	ug/L	1.0	09/29/18 18:15		
35420097018	MW-2S						
EPA 8260	1,2-Dichloroethene (Total)	928	ug/L	25.0	09/29/18 18:40	N2	
EPA 8260	cis-1,2-Dichloroethene	744	ug/L	25.0	09/29/18 18:40		
EPA 8260	trans-1,2-Dichloroethene	184	ug/L	25.0	09/29/18 18:40		
EPA 8260	Trichloroethene	15.0 I	ug/L	25.0	09/29/18 18:40		
EPA 8260	Vinyl chloride	218	ug/L	25.0	09/29/18 18:40		
35420097019	MW-11S						
EPA 8260	1,2-Dichloroethene (Total)	34.3	ug/L	1.0	09/29/18 19:04	N2	
EPA 8260	1,1-Dichloroethene	0.94 I	ug/L	1.0	09/29/18 19:04		
EPA 8260	cis-1,2-Dichloroethene	30.0	ug/L	1.0	09/29/18 19:04		
EPA 8260	trans-1,2-Dichloroethene	4.3	ug/L	1.0	09/29/18 19:04		
EPA 8260	Tetrachloroethene	0.74 I	ug/L	1.0	09/29/18 19:04		
EPA 8260	Trichloroethene	128	ug/L	1.0	09/29/18 19:04		
EPA 8260	Vinyl chloride	4.1	ug/L	1.0	09/29/18 19:04		
35420097020	INJ-38						
EPA 8260	1,2-Dichloroethene (Total)	8.1	ug/L	1.0	09/29/18 19:29	N2	
EPA 8260	cis-1,2-Dichloroethene	3.1	ug/L	1.0	09/29/18 19:29		
EPA 8260	trans-1,2-Dichloroethene	5.0	ug/L	1.0	09/29/18 19:29		

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SUMMARY OF DETECTION

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
35420097020	INJ-38						
EPA 8260	Trichloroethene	0.60	1	ug/L	1.0	09/29/18 19:29	
EPA 8260	Vinyl chloride	13.0		ug/L	1.0	09/29/18 19:29	
35420097021	MW-2D						
EPA 8260	1,2-Dichloroethene (Total)	818		ug/L	25.0	09/29/18 19:53	N2
EPA 8260	cis-1,2-Dichloroethene	775		ug/L	25.0	09/29/18 19:53	
EPA 8260	trans-1,2-Dichloroethene	43.6		ug/L	25.0	09/29/18 19:53	
EPA 8260	Trichloroethene	118		ug/L	25.0	09/29/18 19:53	
EPA 8260	Vinyl chloride	84.0		ug/L	25.0	09/29/18 19:53	
35420097022	MW-15S						
EPA 8260	Trichloroethene	1.5		ug/L	1.0	09/29/18 20:18	

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-17S Lab ID: 35420097001 Collected: 09/17/18 12:50 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									Analytical Method: EPA 8260
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/27/18 02:24	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/27/18 02:24	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/27/18 02:24	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	108-90-7	
Chloroethane	4.5 I	ug/L	10.0	0.50	1		09/27/18 02:24	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/27/18 02:24	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/27/18 02:24	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/27/18 02:24	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	107-06-2	
1,2-Dichloroethene (Total)	20.2	ug/L	1.0	0.50	1		09/27/18 02:24	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	75-35-4	
cis-1,2-Dichloroethene	13.5	ug/L	1.0	0.50	1		09/27/18 02:24	156-59-2	
trans-1,2-Dichloroethene	6.7	ug/L	1.0	0.50	1		09/27/18 02:24	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/27/18 02:24	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/27/18 02:24	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/27/18 02:24	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/27/18 02:24	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	79-00-5	
Trichloroethene	1.5	ug/L	1.0	0.50	1		09/27/18 02:24	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:24	75-69-4	
Vinyl chloride	27.5	ug/L	1.0	0.50	1		09/27/18 02:24	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		09/27/18 02:24	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		09/27/18 02:24	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		09/27/18 02:24	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-18S Lab ID: 35420097002 Collected: 09/17/18 14:25 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/27/18 02:48	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/27/18 02:48	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/27/18 02:48	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	108-90-7	
Chloroethane	5.7 I	ug/L	10.0	0.50	1		09/27/18 02:48	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/27/18 02:48	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/27/18 02:48	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/27/18 02:48	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	107-06-2	
1,2-Dichloroethene (Total)	5.2	ug/L	1.0	0.50	1		09/27/18 02:48	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	75-35-4	
cis-1,2-Dichloroethene	2.0	ug/L	1.0	0.50	1		09/27/18 02:48	156-59-2	
trans-1,2-Dichloroethene	3.1	ug/L	1.0	0.50	1		09/27/18 02:48	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/27/18 02:48	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/27/18 02:48	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/27/18 02:48	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/27/18 02:48	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 02:48	75-69-4	
Vinyl chloride	4.1	ug/L	1.0	0.50	1		09/27/18 02:48	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		09/27/18 02:48	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		09/27/18 02:48	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		09/27/18 02:48	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-13S Lab ID: 35420097003 Collected: 09/17/18 15:45 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/27/18 03:13	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/27/18 03:13	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/27/18 03:13	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	108-90-7	
Chloroethane	15.3	ug/L	10.0	0.50	1		09/27/18 03:13	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/27/18 03:13	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/27/18 03:13	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/27/18 03:13	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	107-06-2	
1,2-Dichloroethene (Total)	10.6	ug/L	1.0	0.50	1		09/27/18 03:13	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	75-35-4	
cis-1,2-Dichloroethene	2.1	ug/L	1.0	0.50	1		09/27/18 03:13	156-59-2	
trans-1,2-Dichloroethene	8.4	ug/L	1.0	0.50	1		09/27/18 03:13	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/27/18 03:13	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/27/18 03:13	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/27/18 03:13	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/27/18 03:13	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	79-00-5	
Trichloroethene	0.91 I	ug/L	1.0	0.50	1		09/27/18 03:13	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/27/18 03:13	75-69-4	
Vinyl chloride	9.6	ug/L	1.0	0.50	1		09/27/18 03:13	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/27/18 03:13	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		09/27/18 03:13	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/27/18 03:13	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35420097

Sample: MW-20S Lab ID: 35420097004 Collected: 09/18/18 07:50 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/28/18 18:17	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/28/18 18:17	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/28/18 18:17	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	108-90-7	
Chloroethane	4.3 I	ug/L	10.0	0.50	1		09/28/18 18:17	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/28/18 18:17	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/28/18 18:17	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/28/18 18:17	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	107-06-2	
1,2-Dichloroethene (Total)	203	ug/L	1.0	0.50	1		09/28/18 18:17	540-59-0	N2
1,1-Dichloroethene	1.1	ug/L	1.0	0.50	1		09/28/18 18:17	75-35-4	
cis-1,2-Dichloroethene	120	ug/L	1.0	0.50	1		09/28/18 18:17	156-59-2	
trans-1,2-Dichloroethene	83.4	ug/L	1.0	0.50	1		09/28/18 18:17	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 18:17	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 18:17	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/28/18 18:17	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/28/18 18:17	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	79-00-5	
Trichloroethene	13.7	ug/L	1.0	0.50	1		09/28/18 18:17	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:17	75-69-4	
Vinyl chloride	77.2	ug/L	1.0	0.50	1		09/28/18 18:17	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/28/18 18:17	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		09/28/18 18:17	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		09/28/18 18:17	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: INJ-25 Lab ID: 35420097005 Collected: 09/18/18 09:30 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/28/18 18:40	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/28/18 18:40	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/28/18 18:40	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	108-90-7	
Chloroethane	1.4 I	ug/L	10.0	0.50	1		09/28/18 18:40	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/28/18 18:40	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/28/18 18:40	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/28/18 18:40	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	107-06-2	
1,2-Dichloroethene (Total)	6.6	ug/L	1.0	0.50	1		09/28/18 18:40	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	75-35-4	
cis-1,2-Dichloroethene	2.2	ug/L	1.0	0.50	1		09/28/18 18:40	156-59-2	
trans-1,2-Dichloroethene	4.4	ug/L	1.0	0.50	1		09/28/18 18:40	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 18:40	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 18:40	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/28/18 18:40	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/28/18 18:40	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 18:40	75-69-4	
Vinyl chloride	3.7	ug/L	1.0	0.50	1		09/28/18 18:40	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/28/18 18:40	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		09/28/18 18:40	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		09/28/18 18:40	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: INJ-39 Lab ID: 35420097006 Collected: 09/18/18 10:55 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/28/18 19:04	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/28/18 19:04	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/28/18 19:04	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/28/18 19:04	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/28/18 19:04	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/28/18 19:04	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/28/18 19:04	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	107-06-2	
1,2-Dichloroethene (Total)	18.8	ug/L	1.0	0.50	1		09/28/18 19:04	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	75-35-4	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.50	1		09/28/18 19:04	156-59-2	
trans-1,2-Dichloroethene	17.1	ug/L	1.0	0.50	1		09/28/18 19:04	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 19:04	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 19:04	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/28/18 19:04	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/28/18 19:04	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:04	75-69-4	
Vinyl chloride	5.4	ug/L	1.0	0.50	1		09/28/18 19:04	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/28/18 19:04	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		09/28/18 19:04	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		09/28/18 19:04	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-26S Lab ID: 35420097007 Collected: 09/18/18 13:25 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/28/18 19:28	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/28/18 19:28	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/28/18 19:28	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/28/18 19:28	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/28/18 19:28	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	67-66-3	
Chlormethane	0.62 U	ug/L	1.0	0.62	1		09/28/18 19:28	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/28/18 19:28	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	107-06-2	
1,2-Dichloroethylene (Total)	6.1	ug/L	1.0	0.50	1		09/28/18 19:28	540-59-0	N2
1,1-Dichloroethylene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	75-35-4	
cis-1,2-Dichloroethene	2.0	ug/L	1.0	0.50	1		09/28/18 19:28	156-59-2	
trans-1,2-Dichloroethene	4.1	ug/L	1.0	0.50	1		09/28/18 19:28	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 19:28	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 19:28	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/28/18 19:28	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/28/18 19:28	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	79-00-5	
Trichloroethene	0.55 I	ug/L	1.0	0.50	1		09/28/18 19:28	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:28	75-69-4	
Vinyl chloride	9.5	ug/L	1.0	0.50	1		09/28/18 19:28	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/28/18 19:28	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		09/28/18 19:28	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		09/28/18 19:28	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35420097

Sample: INJ-37 Lab ID: 35420097008 Collected: 09/18/18 15:15 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/28/18 19:52	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/28/18 19:52	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/28/18 19:52	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/28/18 19:52	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/28/18 19:52	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/28/18 19:52	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/28/18 19:52	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	107-06-2	
1,2-Dichloroethene (Total)	34.9	ug/L	1.0	0.50	1		09/28/18 19:52	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	75-35-4	
cis-1,2-Dichloroethene	32.1	ug/L	1.0	0.50	1		09/28/18 19:52	156-59-2	
trans-1,2-Dichloroethene	2.8	ug/L	1.0	0.50	1		09/28/18 19:52	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 19:52	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 19:52	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/28/18 19:52	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/28/18 19:52	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	79-00-5	
Trichloroethene	2.9	ug/L	1.0	0.50	1		09/28/18 19:52	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 19:52	75-69-4	
Vinyl chloride	1.3	ug/L	1.0	0.50	1		09/28/18 19:52	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/28/18 19:52	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		09/28/18 19:52	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		09/28/18 19:52	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-28S Lab ID: 35420097009 Collected: 09/19/18 07:30 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/28/18 21:03	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/28/18 21:03	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/28/18 21:03	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/28/18 21:03	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/28/18 21:03	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/28/18 21:03	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/28/18 21:03	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	107-06-2	
1,2-Dichloroethene (Total)	19.5	ug/L	1.0	0.50	1		09/28/18 21:03	540-59-0	N2
1,1-Dichloroethene	0.74 I	ug/L	1.0	0.50	1		09/28/18 21:03	75-35-4	
cis-1,2-Dichloroethene	15.4	ug/L	1.0	0.50	1		09/28/18 21:03	156-59-2	
trans-1,2-Dichloroethene	4.1	ug/L	1.0	0.50	1		09/28/18 21:03	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 21:03	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 21:03	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/28/18 21:03	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/28/18 21:03	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	79-00-5	
Trichloroethene	72.8	ug/L	1.0	0.50	1		09/28/18 21:03	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:03	75-69-4	
Vinyl chloride	4.4	ug/L	1.0	0.50	1		09/28/18 21:03	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/28/18 21:03	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		09/28/18 21:03	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		09/28/18 21:03	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-01S Lab ID: 35420097010 Collected: 09/19/18 09:00 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/28/18 21:27	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/28/18 21:27	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/28/18 21:27	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/28/18 21:27	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/28/18 21:27	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/28/18 21:27	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/28/18 21:27	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	107-06-2	
1,2-Dichloroethene (Total)	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 21:27	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/28/18 21:27	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/28/18 21:27	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/28/18 21:27	79-34-5	
Tetrachloroethene	1.0	ug/L	1.0	0.50	1		09/28/18 21:27	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	79-00-5	
Trichloroethene	1.6	ug/L	1.0	0.50	1		09/28/18 21:27	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/28/18 21:27	75-69-4	
Vinyl chloride	1.0	ug/L	1.0	0.50	1		09/28/18 21:27	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/28/18 21:27	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		09/28/18 21:27	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		09/28/18 21:27	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: INJ-30 Lab ID: 35420097011 Collected: 09/19/18 10:15 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/29/18 15:48	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/29/18 15:48	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/29/18 15:48	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	108-90-7	
Chloroethane	1.3 I	ug/L	10.0	0.50	1		09/29/18 15:48	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/29/18 15:48	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/29/18 15:48	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/29/18 15:48	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	107-06-2	
1,2-Dichloroethene (Total)	47.6	ug/L	1.0	0.50	1		09/29/18 15:48	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	75-35-4	
cis-1,2-Dichloroethene	43.4	ug/L	1.0	0.50	1		09/29/18 15:48	156-59-2	
trans-1,2-Dichloroethene	4.2	ug/L	1.0	0.50	1		09/29/18 15:48	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 15:48	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 15:48	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/29/18 15:48	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/29/18 15:48	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	79-00-5	
Trichloroethene	4.9	ug/L	1.0	0.50	1		09/29/18 15:48	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 15:48	75-69-4	
Vinyl chloride	3.3	ug/L	1.0	0.50	1		09/29/18 15:48	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/29/18 15:48	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		09/29/18 15:48	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/29/18 15:48	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: INJ-24	Lab ID: 35420097012	Collected: 09/19/18 13:25	Received: 09/26/18 11:40	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/29/18 16:12	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/29/18 16:12	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/29/18 16:12	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	108-90-7	
Chloroethane	2.3 I	ug/L	10.0	0.50	1		09/29/18 16:12	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/29/18 16:12	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/29/18 16:12	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/29/18 16:12	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	107-06-2	
1,2-Dichloroethene (Total)	152	ug/L	1.0	0.50	1		09/29/18 16:12	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	75-35-4	
cis-1,2-Dichloroethene	120	ug/L	1.0	0.50	1		09/29/18 16:12	156-59-2	
trans-1,2-Dichloroethene	31.9	ug/L	1.0	0.50	1		09/29/18 16:12	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 16:12	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 16:12	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/29/18 16:12	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/29/18 16:12	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	79-00-5	
Trichloroethene	16.3	ug/L	1.0	0.50	1		09/29/18 16:12	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 16:12	75-69-4	
Vinyl chloride	7.7	ug/L	1.0	0.50	1		09/29/18 16:12	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/29/18 16:12	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		09/29/18 16:12	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		09/29/18 16:12	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-16S Lab ID: 35420097013 Collected: 09/19/18 14:30 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	6.8 U	ug/L	15.0	6.8	25		09/29/18 16:37	75-27-4	
Bromoform	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	75-25-2	
Bromomethane	12.5 U	ug/L	125	12.5	25		09/29/18 16:37	74-83-9	
Carbon tetrachloride	12.5 U	ug/L	75.0	12.5	25		09/29/18 16:37	56-23-5	
Chlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	108-90-7	
Chloroethane	12.5 U	ug/L	250	12.5	25		09/29/18 16:37	75-00-3	
2-Chloroethylvinyl ether	12.5 U	ug/L	1000	12.5	25		09/29/18 16:37	110-75-8	c2
Chloroform	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	67-66-3	
Chloromethane	15.5 U	ug/L	25.0	15.5	25		09/29/18 16:37	74-87-3	
Dibromochloromethane	6.5 U	ug/L	50.0	6.5	25		09/29/18 16:37	124-48-1	
1,2-Dichlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	95-50-1	
1,3-Dichlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	541-73-1	
1,4-Dichlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	106-46-7	
Dichlorodifluoromethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	75-71-8	
1,1-Dichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	75-34-3	
1,2-Dichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	107-06-2	
1,2-Dichloroethene (Total)	999	ug/L	25.0	12.5	25		09/29/18 16:37	540-59-0	N2
1,1-Dichloroethene	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	75-35-4	
cis-1,2-Dichloroethene	727	ug/L	25.0	12.5	25		09/29/18 16:37	156-59-2	
trans-1,2-Dichloroethene	272	ug/L	25.0	12.5	25		09/29/18 16:37	156-60-5	
1,2-Dichloropropane	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	78-87-5	
cis-1,3-Dichloropropene	6.2 U	ug/L	12.5	6.2	25		09/29/18 16:37	10061-01-5	
trans-1,3-Dichloropropene	6.2 U	ug/L	12.5	6.2	25		09/29/18 16:37	10061-02-6	
Methylene Chloride	62.5 U	ug/L	125	62.5	25		09/29/18 16:37	75-09-2	
1,1,2,2-Tetrachloroethane	3.0 U	ug/L	12.5	3.0	25		09/29/18 16:37	79-34-5	
Tetrachloroethene	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	127-18-4	
1,1,1-Trichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	71-55-6	
1,1,2-Trichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	79-00-5	
Trichloroethene	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	79-01-6	
Trichlorofluoromethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 16:37	75-69-4	
Vinyl chloride	903	ug/L	25.0	12.5	25		09/29/18 16:37	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		25		09/29/18 16:37	460-00-4	D4
1,2-Dichloroethane-d4 (S)	104	%	70-130		25		09/29/18 16:37	17060-07-0	
Toluene-d8 (S)	98	%	70-130		25		09/29/18 16:37	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-09S Lab ID: 35420097014 Collected: 09/20/18 07:25 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/29/18 17:01	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/29/18 17:01	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/29/18 17:01	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/29/18 17:01	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/29/18 17:01	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/29/18 17:01	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/29/18 17:01	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	75-71-8	
1,1-Dichloroethane	1.2	ug/L	1.0	0.50	1		09/29/18 17:01	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	107-06-2	
1,2-Dichloroethene (Total)	0.97 I	ug/L	1.0	0.50	1		09/29/18 17:01	540-59-0	N2
1,1-Dichloroethene	4.0	ug/L	1.0	0.50	1		09/29/18 17:01	75-35-4	
cis-1,2-Dichloroethene	0.86 I	ug/L	1.0	0.50	1		09/29/18 17:01	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 17:01	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 17:01	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/29/18 17:01	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/29/18 17:01	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	79-00-5	
Trichloroethene	8.1	ug/L	1.0	0.50	1		09/29/18 17:01	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	75-69-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:01	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/29/18 17:01	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		09/29/18 17:01	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/29/18 17:01	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-10S Lab ID: 35420097015 Collected: 09/20/18 09:00 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Bromodichloromethane	0.29 I	ug/L	0.60	0.27	1		09/29/18 17:26	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/29/18 17:26	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/29/18 17:26	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/29/18 17:26	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/29/18 17:26	110-75-8	c2
Chloroform	1.8	ug/L	1.0	0.50	1		09/29/18 17:26	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/29/18 17:26	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/29/18 17:26	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	107-06-2	
1,2-Dichloroethene (Total)	18.3	ug/L	1.0	0.50	1		09/29/18 17:26	540-59-0	N2
1,1-Dichloroethene	2.8	ug/L	1.0	0.50	1		09/29/18 17:26	75-35-4	
cis-1,2-Dichloroethene	18.1	ug/L	1.0	0.50	1		09/29/18 17:26	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 17:26	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 17:26	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/29/18 17:26	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/29/18 17:26	79-34-5	
Tetrachloroethene	30.6	ug/L	1.0	0.50	1		09/29/18 17:26	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	79-00-5	
Trichloroethene	14.4	ug/L	1.0	0.50	1		09/29/18 17:26	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:26	75-69-4	
Vinyl chloride	1.8	ug/L	1.0	0.50	1		09/29/18 17:26	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/29/18 17:26	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		09/29/18 17:26	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/29/18 17:26	2130265	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-03S Lab ID: 35420097016 Collected: 09/20/18 09:55 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/29/18 17:51	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/29/18 17:51	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/29/18 17:51	56-23-5	
Chlorobenzene	1.0	ug/L	1.0	0.50	1		09/29/18 17:51	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/29/18 17:51	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/29/18 17:51	110-75-8	c2
Chloroform	0.71 I	ug/L	1.0	0.50	1		09/29/18 17:51	67-66-3	
Chloromethane	0.76 I	ug/L	1.0	0.62	1		09/29/18 17:51	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/29/18 17:51	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	75-71-8	
1,1-Dichloroethane	1.2	ug/L	1.0	0.50	1		09/29/18 17:51	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	107-06-2	
1,2-Dichloroethene (Total)	27.5	ug/L	1.0	0.50	1		09/29/18 17:51	540-59-0	N2
1,1-Dichloroethene	3.5	ug/L	1.0	0.50	1		09/29/18 17:51	75-35-4	
cis-1,2-Dichloroethene	27.2	ug/L	1.0	0.50	1		09/29/18 17:51	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 17:51	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 17:51	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/29/18 17:51	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/29/18 17:51	79-34-5	
Tetrachloroethene	89.0	ug/L	1.0	0.50	1		09/29/18 17:51	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	79-00-5	
Trichloroethene	22.9	ug/L	1.0	0.50	1		09/29/18 17:51	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 17:51	75-69-4	
Vinyl chloride	2.1	ug/L	1.0	0.50	1		09/29/18 17:51	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		09/29/18 17:51	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		09/29/18 17:51	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		09/29/18 17:51	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35420097

Sample: MW-12S Lab ID: 35420097017 Collected: 09/20/18 15:30 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/29/18 18:15	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/29/18 18:15	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/29/18 18:15	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/29/18 18:15	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/29/18 18:15	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/29/18 18:15	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/29/18 18:15	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	107-06-2	
1,2-Dichloroethene (Total)	32.9	ug/L	1.0	0.50	1		09/29/18 18:15	540-59-0	N2
1,1-Dichloroethene	1.3	ug/L	1.0	0.50	1		09/29/18 18:15	75-35-4	
cis-1,2-Dichloroethene	32.1	ug/L	1.0	0.50	1		09/29/18 18:15	156-59-2	
trans-1,2-Dichloroethene	0.74 I	ug/L	1.0	0.50	1		09/29/18 18:15	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 18:15	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 18:15	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/29/18 18:15	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/29/18 18:15	79-34-5	
Tetrachloroethene	14.5	ug/L	1.0	0.50	1		09/29/18 18:15	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	79-00-5	
Trichloroethene	119	ug/L	1.0	0.50	1		09/29/18 18:15	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 18:15	75-69-4	
Vinyl chloride	0.72 I	ug/L	1.0	0.50	1		09/29/18 18:15	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/29/18 18:15	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		09/29/18 18:15	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		09/29/18 18:15	2037-26-5	



REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-2S	Lab ID: 35420097018	Collected: 09/21/18 08:25	Received: 09/26/18 11:40	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	6.8 U	ug/L	15.0	6.8	25		09/29/18 18:40	75-27-4	
Bromoform	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	75-25-2	
Bromomethane	12.5 U	ug/L	125	12.5	25		09/29/18 18:40	74-83-9	
Carbon tetrachloride	12.5 U	ug/L	75.0	12.5	25		09/29/18 18:40	56-23-5	
Chlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	108-90-7	
Chloroethane	12.5 U	ug/L	250	12.5	25		09/29/18 18:40	75-00-3	
2-Chloroethylvinyl ether	12.5 U	ug/L	1000	12.5	25		09/29/18 18:40	110-75-8	c2
Chloroform	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	67-66-3	
Chloromethane	15.5 U	ug/L	25.0	15.5	25		09/29/18 18:40	74-87-3	
Dibromochloromethane	6.5 U	ug/L	50.0	6.5	25		09/29/18 18:40	124-48-1	
1,2-Dichlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	95-50-1	
1,3-Dichlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	541-73-1	
1,4-Dichlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	106-46-7	
Dichlorodifluoromethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	75-71-8	
1,1-Dichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	75-34-3	
1,2-Dichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	107-06-2	
1,2-Dichloroethene (Total)	928	ug/L	25.0	12.5	25		09/29/18 18:40	540-59-0	N2
1,1-Dichloroethene	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	75-35-4	
cis-1,2-Dichloroethene	744	ug/L	25.0	12.5	25		09/29/18 18:40	156-59-2	
trans-1,2-Dichloroethene	184	ug/L	25.0	12.5	25		09/29/18 18:40	156-60-5	
1,2-Dichloropropane	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	78-87-5	
cis-1,3-Dichloropropene	6.2 U	ug/L	12.5	6.2	25		09/29/18 18:40	10061-01-5	
trans-1,3-Dichloropropene	6.2 U	ug/L	12.5	6.2	25		09/29/18 18:40	10061-02-6	
Methylene Chloride	62.5 U	ug/L	125	62.5	25		09/29/18 18:40	75-09-2	
1,1,2,2-Tetrachloroethane	3.0 U	ug/L	12.5	3.0	25		09/29/18 18:40	79-34-5	
Tetrachloroethene	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	127-18-4	
1,1,1-Trichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	71-55-6	
1,1,2-Trichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	79-00-5	
Trichloroethene	15.0 I	ug/L	25.0	12.5	25		09/29/18 18:40	79-01-6	
Trichlorofluoromethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 18:40	75-69-4	
Vinyl chloride	218	ug/L	25.0	12.5	25		09/29/18 18:40	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		25		09/29/18 18:40	460-00-4	D4
1,2-Dichloroethane-d4 (S)	106	%	70-130		25		09/29/18 18:40	17060-07-0	
Toluene-d8 (S)	99	%	70-130		25		09/29/18 18:40	2037-26-5	



REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-11S Lab ID: 35420097019 Collected: 09/21/18 09:40 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/29/18 19:04	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/29/18 19:04	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/29/18 19:04	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/29/18 19:04	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/29/18 19:04	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/29/18 19:04	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/29/18 19:04	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	107-06-2	
1,2-Dichloroethylene (Total)	34.3	ug/L	1.0	0.50	1		09/29/18 19:04	540-59-0	N2
1,1-Dichloroethylene	0.94 I	ug/L	1.0	0.50	1		09/29/18 19:04	75-35-4	
cis-1,2-Dichloroethene	30.0	ug/L	1.0	0.50	1		09/29/18 19:04	156-59-2	
trans-1,2-Dichloroethene	4.3	ug/L	1.0	0.50	1		09/29/18 19:04	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 19:04	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 19:04	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/29/18 19:04	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/29/18 19:04	79-34-5	
Tetrachloroethene	0.74 I	ug/L	1.0	0.50	1		09/29/18 19:04	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	79-00-5	
Trichloroethene	128	ug/L	1.0	0.50	1		09/29/18 19:04	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:04	75-69-4	
Vinyl chloride	4.1	ug/L	1.0	0.50	1		09/29/18 19:04	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130	1			09/29/18 19:04	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1			09/29/18 19:04	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1			09/29/18 19:04	2037-26-5	



REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35420097

Sample: INJ-38 Lab ID: 35420097020 Collected: 09/19/18 11:20 Received: 09/26/18 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/29/18 19:29	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/29/18 19:29	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/29/18 19:29	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/29/18 19:29	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/29/18 19:29	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/29/18 19:29	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/29/18 19:29	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	107-06-2	
1,2-Dichloroethene (Total)	8.1	ug/L	1.0	0.50	1		09/29/18 19:29	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	75-35-4	
cis-1,2-Dichloroethene	3.1	ug/L	1.0	0.50	1		09/29/18 19:29	156-59-2	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	0.50	1		09/29/18 19:29	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 19:29	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 19:29	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/29/18 19:29	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/29/18 19:29	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	79-00-5	
Trichloroethene	0.60 I	ug/L	1.0	0.50	1		09/29/18 19:29	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 19:29	75-69-4	
Vinyl chloride	13.0	ug/L	1.0	0.50	1		09/29/18 19:29	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/29/18 19:29	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		09/29/18 19:29	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		09/29/18 19:29	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-2D	Lab ID: 35420097021	Collected: 09/19/18 15:30	Received: 09/26/18 11:40	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	6.8 U	ug/L	15.0	6.8	25		09/29/18 19:53	75-27-4	
Bromoform	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	75-25-2	
Bromomethane	12.5 U	ug/L	125	12.5	25		09/29/18 19:53	74-83-9	
Carbon tetrachloride	12.5 U	ug/L	75.0	12.5	25		09/29/18 19:53	56-23-5	
Chlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	108-90-7	
Chloroethane	12.5 U	ug/L	250	12.5	25		09/29/18 19:53	75-00-3	
2-Chloroethylvinyl ether	12.5 U	ug/L	1000	12.5	25		09/29/18 19:53	110-75-8	c2
Chloroform	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	67-66-3	
Chloromethane	15.5 U	ug/L	25.0	15.5	25		09/29/18 19:53	74-87-3	
Dibromochloromethane	6.5 U	ug/L	50.0	6.5	25		09/29/18 19:53	124-48-1	
1,2-Dichlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	95-50-1	
1,3-Dichlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	541-73-1	
1,4-Dichlorobenzene	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	106-46-7	
Dichlorodifluoromethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	75-71-8	
1,1-Dichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	75-34-3	
1,2-Dichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	107-06-2	
1,2-Dichloroethylene (Total)	818	ug/L	25.0	12.5	25		09/29/18 19:53	540-59-0	N2
1,1-Dichloroethylene	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	75-35-4	
cis-1,2-Dichloroethene	775	ug/L	25.0	12.5	25		09/29/18 19:53	156-59-2	
trans-1,2-Dichloroethene	43.6	ug/L	25.0	12.5	25		09/29/18 19:53	156-60-5	
1,2-Dichloropropane	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	78-87-5	
cis-1,3-Dichloropropene	6.2 U	ug/L	12.5	6.2	25		09/29/18 19:53	10061-01-5	
trans-1,3-Dichloropropene	6.2 U	ug/L	12.5	6.2	25		09/29/18 19:53	10061-02-6	
Methylene Chloride	62.5 U	ug/L	125	62.5	25		09/29/18 19:53	75-09-2	
1,1,2,2-Tetrachloroethane	3.0 U	ug/L	12.5	3.0	25		09/29/18 19:53	79-34-5	
Tetrachloroethene	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	127-18-4	
1,1,1-Trichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	71-55-6	
1,1,2-Trichloroethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	79-00-5	
Trichloroethene	118	ug/L	25.0	12.5	25		09/29/18 19:53	79-01-6	
Trichlorofluoromethane	12.5 U	ug/L	25.0	12.5	25		09/29/18 19:53	75-69-4	
Vinyl chloride	84.0	ug/L	25.0	12.5	25		09/29/18 19:53	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		25		09/29/18 19:53	460-00-4	D4
1,2-Dichloroethane-d4 (S)	106	%	70-130		25		09/29/18 19:53	17060-07-0	
Toluene-d8 (S)	99	%	70-130		25		09/29/18 19:53	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

Sample: MW-15S **Lab ID:** 35420097022 **Collected:** 09/21/18 11:00 **Received:** 09/26/18 11:40 **Matrix:** Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/29/18 20:18	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/29/18 20:18	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/29/18 20:18	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/29/18 20:18	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/29/18 20:18	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/29/18 20:18	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/29/18 20:18	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	107-06-2	
1,2-Dichloroethene (Total)	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 20:18	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/29/18 20:18	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/29/18 20:18	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/29/18 20:18	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	79-00-5	
Trichloroethene	1.5	ug/L	1.0	0.50	1		09/29/18 20:18	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	75-69-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		09/29/18 20:18	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		09/29/18 20:18	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		09/29/18 20:18	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/29/18 20:18	2037-26-5	



REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

QC Batch:	480920	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	35420097001, 35420097002, 35420097003		

METHOD BLANK:	2603730	Matrix:	Water
Associated Lab Samples:	35420097001, 35420097002, 35420097003		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.50	0.12	09/26/18 23:33	
1,1,2-Trichloroethane	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
1,1-Dichloroethane	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
1,1-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
1,2-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
1,2-Dichloroethane	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
1,2-Dichloroethene (Total)	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	N2
1,2-Dichloropropane	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
1,3-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
1,4-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
2-Chloroethylvinyl ether	ug/L	0.50 U	40.0	0.50	09/26/18 23:33	
Bromodichloromethane	ug/L	0.27 U	0.60	0.27	09/26/18 23:33	
Bromoform	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
Bromomethane	ug/L	0.50 U	5.0	0.50	09/26/18 23:33	
Carbon tetrachloride	ug/L	0.50 U	3.0	0.50	09/26/18 23:33	
Chlorobenzene	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
Chloroethane	ug/L	0.50 U	10.0	0.50	09/26/18 23:33	
Chloroform	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
Chloromethane	ug/L	0.62 U	1.0	0.62	09/26/18 23:33	
cis-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	09/26/18 23:33	
Dibromochloromethane	ug/L	0.26 U	2.0	0.26	09/26/18 23:33	
Dichlorodifluoromethane	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
Methylene Chloride	ug/L	2.5 U	5.0	2.5	09/26/18 23:33	
Tetrachloroethene	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
trans-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	09/26/18 23:33	
Trichloroethene	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
Trichlorofluoromethane	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
Vinyl chloride	ug/L	0.50 U	1.0	0.50	09/26/18 23:33	
1,2-Dichloroethane-d4 (S)	%	100	70-130		09/26/18 23:33	
4-Bromofluorobenzene (S)	%	95	70-130		09/26/18 23:33	
Toluene-d8 (S)	%	99	70-130		09/26/18 23:33	

LABORATORY CONTROL SAMPLE: 2603731

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.0	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.2	106	68-125	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR

Pace Project No.: 35420097

LABORATORY CONTROL SAMPLE: 2603731

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	20	20.5	103	70-130	
1,1-Dichloroethane	ug/L	20	20.4	102	70-130	
1,1-Dichloroethene	ug/L	20	19.4	97	66-133	
1,2-Dichlorobenzene	ug/L	20	20.9	105	70-130	
1,2-Dichloroethane	ug/L	20	18.7	93	70-130	
1,2-Dichloroethene (Total)	ug/L	40	40.2	101	70-130 N2	
1,2-Dichloropropane	ug/L	20	20.5	102	70-130	
1,3-Dichlorobenzene	ug/L	20	20.7	103	70-130	
1,4-Dichlorobenzene	ug/L	20	20.3	101	70-130	
2-Chloroethylvinyl ether	ug/L	20	20.9 I	105	41-140	
Bromodichloromethane	ug/L	20	19.0	95	70-130	
Bromoform	ug/L	20	18.7	94	49-126	
Bromomethane	ug/L	20	22.0	110	10-165	
Carbon tetrachloride	ug/L	20	19.8	99	63-126	
Chlorobenzene	ug/L	20	20.0	100	70-130	
Chloroethane	ug/L	20	21.7	109	71-142	
Chloroform	ug/L	20	19.8	99	70-130	
Chloromethane	ug/L	20	21.6	108	40-140	
cis-1,2-Dichloroethene	ug/L	20	20.3	101	70-130	
cis-1,3-Dichloropropene	ug/L	20	21.0	105	70-130	
Dibromochloromethane	ug/L	20	19.2	96	62-118	
Dichlorodifluoromethane	ug/L	20	24.1	120	47-150	
Methylene Chloride	ug/L	20	20.2	101	65-136	
Tetrachloroethene	ug/L	20	19.8	99	64-134	
trans-1,2-Dichloroethene	ug/L	20	19.9	100	68-127	
trans-1,3-Dichloropropene	ug/L	20	21.0	105	65-121	
Trichloroethene	ug/L	20	19.3	97	70-130	
Trichlorofluoromethane	ug/L	20	20.2	101	65-135	
Vinyl chloride	ug/L	20	21.6	108	68-131	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE SAMPLE: 2606494

Parameter	Units	2084119012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	20	14.7	74	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	14.1	71	68-125	
1,1,2-Trichloroethane	ug/L	ND	20	14.0	70	70-130	
1,1-Dichloroethane	ug/L	ND	20	15.2	75	70-130	
1,1-Dichloroethene	ug/L	ND	20	14.9	75	66-133	
1,2-Dichlorobenzene	ug/L	ND	20	13.5	66	70-130 J(M1)	
1,2-Dichloroethane	ug/L	ND	20	12.8	64	70-130 J(M1)	
1,2-Dichloroethene (Total)	ug/L	ND	40	30.6	76	70-130 N2	
1,2-Dichloropropane	ug/L	ND	20	14.1	70	70-130	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

MATRIX SPIKE SAMPLE:	2606494						
Parameter	Units	2084119012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	ND	20	13.3	66	70-130	J(M1)
1,4-Dichlorobenzene	ug/L	4.2	20	16.5	61	70-130	J(M1)
2-Chloroethylvinyl ether	ug/L	ND	20	0.50 U	0	41-140	J(M1)
Bromodichloromethane	ug/L	ND	20	12.9	64	70-130	J(M1)
Bromoform	ug/L	ND	20	12.5	63	49-126	
Bromomethane	ug/L	ND	20	8.6	43	10-165	
Carbon tetrachloride	ug/L	ND	20	14.0	70	63-126	
Chlorobenzene	ug/L	30.3	20	40.8	52	70-130	J(M1)
Chloroethane	ug/L	ND	20	16.1	80	71-142	
Chloroform	ug/L	ND	20	14.2	71	70-130	
Chloromethane	ug/L	ND	20	17.0	85	40-140	
cis-1,2-Dichloroethene	ug/L	ND	20	15.5	78	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	13.6	68	70-130	J(M1)
Dibromochloromethane	ug/L	ND	20	13.0	65	62-118	
Dichlorodifluoromethane	ug/L	ND	20	16.9	85	47-150	
Methylene Chloride	ug/L	ND	20	14.1	70	65-136	
Tetrachloroethene	ug/L	ND	20	13.5	67	64-134	
trans-1,2-Dichloroethene	ug/L	ND	20	15.0	75	68-127	
trans-1,3-Dichloropropene	ug/L	ND	20	14.0	70	65-121	
Trichloroethene	ug/L	ND	20	13.8	69	70-130	J(M1)
Trichlorofluoromethane	ug/L	ND	20	14.2	71	65-135	
Vinyl chloride	ug/L	ND	20	16.4	81	68-131	
1,2-Dichloroethane-d4 (S)	%				98	70-130	
4-Bromofluorobenzene (S)	%				99	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 2606493

Parameter	Units	2084119011 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	0.50 U		40	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.12 U		40	
1,1,2-Trichloroethane	ug/L	ND	0.50 U		40	
1,1-Dichloroethane	ug/L	ND	0.50 U		40	
1,1-Dichloroethene	ug/L	ND	0.50 U		40	
1,2-Dichlorobenzene	ug/L	ND	0.50 U		40	
1,2-Dichloroethane	ug/L	ND	0.50 U		40	
1,2-Dichloroethene (Total)	ug/L	ND	0.50 U		40 N2	
1,2-Dichloropropane	ug/L	ND	0.50 U		40	
1,3-Dichlorobenzene	ug/L	ND	0.50 U		40	
1,4-Dichlorobenzene	ug/L	ND	0.50 U		40	
2-Chloroethylvinyl ether	ug/L	ND	0.50 U		40	
Bromodichloromethane	ug/L	ND	0.27 U		40	
Bromoform	ug/L	ND	0.50 U		40	
Bromomethane	ug/L	ND	0.50 U		40	
Carbon tetrachloride	ug/L	ND	0.50 U		40	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

SAMPLE DUPLICATE: 2606493

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorobenzene	ug/L	ND	0.50 U		40	
Chloroethane	ug/L	ND	0.50 U		40	
Chloroform	ug/L	ND	0.50 U		40	
Chloromethane	ug/L	ND	0.62 U		40	
cis-1,2-Dichloroethene	ug/L	ND	0.50 U		40	
cis-1,3-Dichloropropene	ug/L	ND	0.25 U		40	
Dibromochloromethane	ug/L	ND	0.26 U		40	
Dichlorodifluoromethane	ug/L	ND	0.50 U		40	
Methylene Chloride	ug/L	ND	2.5 U		40	
Tetrachloroethene	ug/L	ND	0.50 U		40	
trans-1,2-Dichloroethene	ug/L	ND	0.50 U		40	
trans-1,3-Dichloropropene	ug/L	ND	0.25 U		40	
Trichloroethene	ug/L	ND	0.50 U		40	
Trichlorofluoromethane	ug/L	ND	0.50 U		40	
Vinyl chloride	ug/L	ND	0.50 U		40	
1,2 Dichloroethane-d4 (S)	%	101	100	1	40	
4-Bromofluorobenzene (S)	%	93	93	0	40	
Toluene-d8 (S)	%	99	99	0	40	

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

QC Batch:	481469	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	35420097004, 35420097005, 35420097006, 35420097007, 35420097008, 35420097009, 35420097010		

METHOD BLANK:	2606268	Matrix:	Water
Associated Lab Samples:	35420097004, 35420097005, 35420097006, 35420097007, 35420097008, 35420097009, 35420097010		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.50	0.12	09/28/18 12:32	
1,1,2-Trichloroethane	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
1,1-Dichloroethane	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
1,1-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
1,2-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
1,2-Dichloroethane	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
1,2-Dichloroethene (Total)	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	N2
1,2-Dichloropropane	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
1,3-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
1,4-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
2-Chloroethylvinyl ether	ug/L	0.50 U	40.0	0.50	09/28/18 12:32	
Bromodichloromethane	ug/L	0.27 U	0.60	0.27	09/28/18 12:32	
Bromoform	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
Bromomethane	ug/L	0.50 U	5.0	0.50	09/28/18 12:32	
Carbon tetrachloride	ug/L	0.50 U	3.0	0.50	09/28/18 12:32	
Chlorobenzene	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
Chloroethane	ug/L	0.50 U	10.0	0.50	09/28/18 12:32	
Chloroform	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
Chloromethane	ug/L	0.62 U	1.0	0.62	09/28/18 12:32	
cis-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	09/28/18 12:32	
Dibromochloromethane	ug/L	0.26 U	2.0	0.26	09/28/18 12:32	
Dichlorodifluoromethane	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
Methylene Chloride	ug/L	2.5 U	5.0	2.5	09/28/18 12:32	
Tetrachloroethene	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
trans-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	09/28/18 12:32	
Trichloroethene	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
Trichlorofluoromethane	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
Vinyl chloride	ug/L	0.50 U	1.0	0.50	09/28/18 12:32	
1,2-Dichloroethane-d4 (S)	%	92	70-130		09/28/18 12:32	
4-Bromofluorobenzene (S)	%	103	70-130		09/28/18 12:32	
Toluene-d8 (S)	%	105	70-130		09/28/18 12:32	

LABORATORY CONTROL SAMPLE: 2606269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	16.4	82	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.5	97	68-125	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

LABORATORY CONTROL SAMPLE: 2606269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	20	19.8	99	70-130	
1,1-Dichloroethane	ug/L	20	18.8	94	70-130	
1,1-Dichloroethene	ug/L	20	17.2	86	66-133	
1,2-Dichlorobenzene	ug/L	20	19.1	95	70-130	
1,2-Dichloroethane	ug/L	20	16.8	84	70-130	
1,2-Dichloroethene (Total)	ug/L	40	36.7	92	70-130 N2	
1,2-Dichloropropane	ug/L	20	19.3	97	70-130	
1,3-Dichlorobenzene	ug/L	20	18.8	94	70-130	
1,4-Dichlorobenzene	ug/L	20	19.4	97	70-130	
2-Chloroethylvinyl ether	ug/L	20	17.2 I	86	41-140	
Bromodichloromethane	ug/L	20	15.3	76	70-130	
Bromoform	ug/L	20	16.0	80	49-126	
Bromomethane	ug/L	20	12.7	64	10-165	
Carbon tetrachloride	ug/L	20	15.2	76	63-126	
Chlorobenzene	ug/L	20	19.5	97	70-130	
Chloroethane	ug/L	20	20.1	101	71-142	
Chloroform	ug/L	20	18.2	91	70-130	
Chloromethane	ug/L	20	16.9	85	40-140	
cis-1,2-Dichloroethene	ug/L	20	18.5	93	70-130	
cis-1,3-Dichloropropene	ug/L	20	16.1	80	70-130	
Dibromochloromethane	ug/L	20	16.3	81	62-118	
Dichlorodifluoromethane	ug/L	20	16.5	82	47-150	
Methylene Chloride	ug/L	20	18.2	91	65-136	
Tetrachloroethene	ug/L	20	16.9	84	64-134	
trans-1,2-Dichloroethene	ug/L	20	18.2	91	68-127	
trans-1,3-Dichloropropene	ug/L	20	15.6	78	65-121	
Trichloroethene	ug/L	20	19.1	95	70-130	
Trichlorofluoromethane	ug/L	20	16.9	85	65-135	
Vinyl chloride	ug/L	20	18.1	91	68-131	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 2606274

Parameter	Units	2084203002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	20	16.9	85	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	16.8	84	68-125	
1,1,2-Trichloroethane	ug/L	ND	20	16.5	82	70-130	
1,1-Dichloroethane	ug/L	ND	20	18.7	93	70-130	
1,1-Dichloroethene	ug/L	ND	20	18.6	93	66-133	
1,2-Dichlorobenzene	ug/L	ND	20	16.5	82	70-130	
1,2-Dichloroethane	ug/L	ND	20	16.1	81	70-130	
1,2-Dichloroethene (Total)	ug/L	ND	40	37.5	94	70-130 N2	
1,2-Dichloropropane	ug/L	ND	20	16.6	83	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

MATRIX SPIKE SAMPLE:	2606274						
Parameter	Units	2084203002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	ND	20	16.9	84	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	16.7	84	70-130	
2-Chloroethylvinyl ether	ug/L	ND	20	0.50 U	0	41-140 J(M1)	
Bromodichloromethane	ug/L	ND	20	13.9	70	70-130	
Bromoform	ug/L	ND	20	13.1	66	49-126	
Bromomethane	ug/L	ND	20	15.7	79	10-165	
Carbon tetrachloride	ug/L	ND	20	15.9	80	63-126	
Chlorobenzene	ug/L	ND	20	16.7	84	70-130	
Chloroethane	ug/L	ND	20	22.8	114	71-142	
Chloroform	ug/L	ND	20	17.5	88	70-130	
Chloromethane	ug/L	ND	20	19.0	95	40-140	
cis-1,2-Dichloroethene	ug/L	ND	20	18.2	91	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	13.5	67	70-130 J(M1)	
Dibromochloromethane	ug/L	ND	20	14.0	70	62-118	
Dichlorodifluoromethane	ug/L	ND	20	22.0	110	47-150	
Methylene Chloride	ug/L	ND	20	17.3	87	65-136	
Tetrachloroethene	ug/L	ND	20	14.1	70	64-134	
trans-1,2-Dichloroethene	ug/L	ND	20	19.4	97	68-127	
trans-1,3-Dichloropropene	ug/L	ND	20	12.7	64	65-121 J(M1)	
Trichloroethene	ug/L	ND	20	17.7	89	70-130	
Trichlorofluoromethane	ug/L	ND	20	23.5	118	65-135	
Vinyl chloride	ug/L	ND	20	20.5	102	68-131	
1,2-Dichloroethane-d4 (S)	%				102	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 2606273

Parameter	Units	2084203001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	0.50 U		40	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.12 U		40	
1,1,2-Trichloroethane	ug/L	ND	0.50 U		40	
1,1-Dichloroethane	ug/L	ND	0.50 U		40	
1,1-Dichloroethene	ug/L	ND	0.50 U		40	
1,2-Dichlorobenzene	ug/L	ND	0.50 U		40	
1,2-Dichloroethane	ug/L	ND	0.50 U		40	
1,2-Dichloroethene (Total)	ug/L	ND	0.50 U		40 N2	
1,2-Dichloropropane	ug/L	ND	0.50 U		40	
1,3-Dichlorobenzene	ug/L	ND	0.50 U		40	
1,4-Dichlorobenzene	ug/L	ND	0.50 U		40	
2-Chloroethylvinyl ether	ug/L	ND	0.50 U		40	
Bromodichloromethane	ug/L	ND	0.27 U		40	
Bromoform	ug/L	ND	0.50 U		40	
Bromomethane	ug/L	ND	0.50 U		40	
Carbon tetrachloride	ug/L	ND	0.50 U		40	

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
 Pace Project No.: 35420097

SAMPLE DUPLICATE: 2606273

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorobenzene	ug/L	ND	0.50 U		40	
Chloroethane	ug/L	ND	0.50 U		40	
Chloroform	ug/L	ND	0.50 U		40	
Chloromethane	ug/L	ND	0.62 U		40	
cis-1,2-Dichloroethene	ug/L	ND	0.50 U		40	
cis-1,3-Dichloropropene	ug/L	ND	0.25 U		40	
Dibromochloromethane	ug/L	ND	0.26 U		40	
Dichlorodifluoromethane	ug/L	ND	0.50 U		40	
Methylene Chloride	ug/L	ND	2.5 U		40	
Tetrachloroethene	ug/L	ND	0.50 U		40	
trans-1,2-Dichloroethene	ug/L	ND	0.50 U		40	
trans-1,3-Dichloropropene	ug/L	ND	0.25 U		40	
Trichloroethene	ug/L	ND	0.50 U		40	
Trichlorofluoromethane	ug/L	ND	0.50 U		40	
Vinyl chloride	ug/L	ND	0.50 U		40	
1,2-Dichloroethane-d4 (S)	%	92	95	2	40	
4-Bromofluorobenzene (S)	%	103	102	1	40	
Toluene-d8 (S)	%	103	104	1	40	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

QC Batch:	481702	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	35420097011, 35420097012, 35420097013, 35420097014, 35420097015, 35420097016, 35420097017, 35420097018, 35420097019, 35420097020, 35420097021, 35420097022		

METHOD BLANK: 2607717 Matrix: Water

Associated Lab Samples: 35420097011, 35420097012, 35420097013, 35420097014, 35420097015, 35420097016, 35420097017,
35420097018, 35420097019, 35420097020, 35420097021, 35420097022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.50	0.12	09/29/18 13:00	
1,1,2-Trichloroethane	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
1,1-Dichloroethane	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
1,1-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
1,2-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
1,2-Dichloroethane	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
1,2-Dichloroethene (Total)	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	N2
1,2-Dichloropropane	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
1,3-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
1,4-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
2-Chloroethylvinyl ether	ug/L	0.50 U	40.0	0.50	09/29/18 13:00	
Bromodichloromethane	ug/L	0.27 U	0.60	0.27	09/29/18 13:00	
Bromoform	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
Bromomethane	ug/L	0.50 U	5.0	0.50	09/29/18 13:00	
Carbon tetrachloride	ug/L	0.50 U	3.0	0.50	09/29/18 13:00	
Chlorobenzene	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
Chloroethane	ug/L	0.50 U	10.0	0.50	09/29/18 13:00	
Chloroform	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
Chloromethane	ug/L	0.62 U	1.0	0.62	09/29/18 13:00	
cis-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	09/29/18 13:00	
Dibromochloromethane	ug/L	0.26 U	2.0	0.26	09/29/18 13:00	
Dichlorodifluoromethane	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
Methylene Chloride	ug/L	2.5 U	5.0	2.5	09/29/18 13:00	
Tetrachloroethene	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
trans-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	09/29/18 13:00	
Trichloroethene	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
Trichlorofluoromethane	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
Vinyl chloride	ug/L	0.50 U	1.0	0.50	09/29/18 13:00	
1,2-Dichloroethane-d4 (S)	%	105	70-130		09/29/18 13:00	
4-Bromofluorobenzene (S)	%	96	70-130		09/29/18 13:00	
Toluene-d8 (S)	%	99	70-130		09/29/18 13:00	

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

LABORATORY CONTROL SAMPLE: 2607718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.1	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.4	112	68-125	
1,1,2-Trichloroethane	ug/L	20	21.1	106	70-130	
1,1-Dichloroethane	ug/L	20	19.5	98	70-130	
1,1-Dichloroethene	ug/L	20	17.9	90	66-133	
1,2-Dichlorobenzene	ug/L	20	20.7	104	70-130	
1,2-Dichloroethane	ug/L	20	19.1	96	70-130	
1,2-Dichloroethene (Total)	ug/L	40	38.6	97	70-130 N2	
1,2-Dichloropropane	ug/L	20	20.1	101	70-130	
1,3-Dichlorobenzene	ug/L	20	20.3	102	70-130	
1,4-Dichlorobenzene	ug/L	20	20.0	100	70-130	
2-Chloroethylvinyl ether	ug/L	20	20.3 1	101	41-140	
Bromodichloromethane	ug/L	20	19.0	95	70-130	
Bromoform	ug/L	20	18.9	94	49-126	
Bromomethane	ug/L	20	9.0	45	10-165	
Carbon tetrachloride	ug/L	20	18.4	92	63-126	
Chlorobenzene	ug/L	20	19.6	98	70-130	
Chloroethane	ug/L	20	19.0	95	71-142	
Chloroform	ug/L	20	19.6	98	70-130	
Chloromethane	ug/L	20	19.3	97	40-140	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	70-130	
cis-1,3-Dichloropropene	ug/L	20	21.3	106	70-130	
Dibromochloromethane	ug/L	20	19.1	96	62-118	
Dichlorodifluoromethane	ug/L	20	23.4	117	47-150	
Methylene Chloride	ug/L	20	19.9	100	65-136	
Tetrachloroethene	ug/L	20	19.2	96	64-134	
trans-1,2-Dichloroethene	ug/L	20	18.8	94	68-127	
trans-1,3-Dichloropropene	ug/L	20	21.7	109	65-121	
Trichloroethene	ug/L	20	18.4	92	70-130	
Trichlorofluoromethane	ug/L	20	18.4	92	65-135	
Vinyl chloride	ug/L	20	21.2	106	68-131	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 2607753

Parameter	Units	35419780013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	0.50 U	20	18.6	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	20	18.0	90	68-125	
1,1,2-Trichloroethane	ug/L	0.50 U	20	17.4	87	70-130	
1,1-Dichloroethane	ug/L	0.50 U	20	18.0	90	70-130	
1,1-Dichloroethene	ug/L	0.50 U	20	16.6	81	66-133	
1,2-Dichlorobenzene	ug/L	0.50 U	20	17.2	86	70-130	
1,2-Dichloroethane	ug/L	0.50 U	20	17.1	85	70-130	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

MATRIX SPIKE SAMPLE:	2607753						
Parameter	Units	35419780013	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	419	40	488	175	70-130	N2
1,2-Dichloropropane	ug/L	0.50 U	20	18.0	90	70-130	
1,3-Dichlorobenzene	ug/L	0.50 U	20	16.9	84	70-130	
1,4-Dichlorobenzene	ug/L	0.50 U	20	16.6	83	70-130	
2-Chloroethylvinyl ether	ug/L	0.50 U	20	0.50 U	0	41-140	J(M1)
Bromodichloromethane	ug/L	0.27 U	20	17.2	86	70-130	
Bromoform	ug/L	0.50 U	20	15.6	78	49-126	
Bromomethane	ug/L	0.50 U	20	7.2	36	10-165	
Carbon tetrachloride	ug/L	0.50 U	20	18.0	90	63-126	
Chlorobenzene	ug/L	0.50 U	20	16.7	84	70-130	
Chloroethane	ug/L	1.5 I	20	20.5	95	71-142	
Chloroform	ug/L	0.50 U	20	17.8	89	70-130	
Chloromethane	ug/L	0.62 U	20	16.4	82	40-140	
cis-1,2-Dichloroethene	ug/L	402	20	456	268	70-130	L
cis-1,3-Dichloropropene	ug/L	0.25 U	20	17.3	87	70-130	
Dibromochloromethane	ug/L	0.26 U	20	16.1	80	62-118	
Dichlorodifluoromethane	ug/L	0.50 U	20	20.6	103	47-150	
Methylene Chloride	ug/L	2.5 U	20	17.0	85	65-136	
Tetrachloroethene	ug/L	0.50 U	20	15.7	78	64-134	
trans-1,2-Dichloroethene	ug/L	16.5	20	32.8	82	68-127	
trans-1,3-Dichloropropene	ug/L	0.25 U	20	17.6	88	65-121	
Trichloroethene	ug/L	0.50 U	20	16.7	84	70-130	
Trichlorofluoromethane	ug/L	0.50 U	20	18.8	94	65-135	
Vinyl chloride	ug/L	351	20	384	165	68-131	L
1,2-Dichloroethane-d4 (S)	%				107	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 2607752

Parameter	Units	35419780012	Dup Result	RPD	Max RPD	Qualifiers
		Result				
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.12 U		40	
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethene	ug/L	0.50 U	0.50 U		40	
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethene (Total)	ug/L	0.50 U	0.50 U		40 N2	
1,2-Dichloropropane	ug/L	0.50 U	0.50 U		40	
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
2-Chloroethylvinyl ether	ug/L	0.50 U	0.50 U		40	
Bromodichloromethane	ug/L	0.27 U	0.27 U		40	
Bromoform	ug/L	0.50 U	0.50 U		40	

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

SAMPLE DUPLICATE: 2607752

Parameter	Units	35419780012 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromomethane	ug/L	0.50 U	0.50 U		40	
Carbon tetrachloride	ug/L	0.50 U	0.50 U		40	
Chlorobenzene	ug/L	0.50 U	0.50 U		40	
Chloroethane	ug/L	0.50 U	0.50 U		40	
Chloroform	ug/L	0.50 U	0.50 U		40	
Chloromethane	ug/L	0.62 U	0.62 U		40	
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Dibromochloromethane	ug/L	0.26 U	0.26 U		40	
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U		40	
Methylene Chloride	ug/L	2.5 U	2.5 U		40	
Tetrachloroethene	ug/L	0.50 U	0.50 U		40	
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Trichloroethene	ug/L	0.50 U	0.50 U		40	
Trichlorofluoromethane	ug/L	0.50 U	0.50 U		40	
Vinyl chloride	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethane-d4 (S)	%	106	108	2	40	
4-Bromofluorobenzene (S)	%	94	95	1	40	
Toluene-d8 (S)	%	100	100	0	40	

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QUALIFIERS

Project: Pfizer-Carolina PR
Pace Project No.: 35420097

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Compound was analyzed for but not detected.
- D4 Sample was diluted due to the presence of high levels of target analytes.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- L Off-scale high. Actual value is known to be greater than value given.
- N2 The lab does not hold NELAC/TNI accreditation for this parameter.
- c2 Acid preservation may not be appropriate for the analysis of 2-Chloroethylvinyl ether.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pfizer-Carolina PR
 Pace Project No.: 35420097

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35420097001	MW-17S	EPA 8260	480920		
35420097002	MW-18S	EPA 8260	480920		
35420097003	MW-13S	EPA 8260	480920		
35420097004	MW-20S	EPA 8260	481469		
35420097005	INJ-25	EPA 8260	481469		
35420097006	INJ-39	EPA 8260	481469		
35420097007	MW-26S	EPA 8260	481469		
35420097008	INJ-37	EPA 8260	481469		
35420097009	MW-28S	EPA 8260	481469		
35420097010	MW-01S	EPA 8260	481469		
35420097011	INJ-30	EPA 8260	481702		
35420097012	INJ-24	EPA 8260	481702		
35420097013	MW-16S	EPA 8260	481702		
35420097014	MW-09S	EPA 8260	481702		
35420097015	MW-10S	EPA 8260	481702		
35420097016	MW-03S	EPA 8260	481702		
35420097017	MW-12S	EPA 8260	481702		
35420097018	MW-2S	EPA 8260	481702		
35420097019	MW-11S	EPA 8260	481702		
35420097020	INJ-38	EPA 8260	481702		
35420097021	MW-2D	EPA 8260	481702		
35420097022	MW-15S	EPA 8260	481702		

REPORT OF LABORATORY ANALYSIS

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WO# : 35420097



Sec 35420097

Req.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 2

Project Information:		Section C Invoice Information:	
Company: Golder Associates, Inc. Jacksonville	Report To: Matt Crews, PE	Attention:	
Address: 9428 Baymeadows Road	Copy To:	Company Name:	
Jacksonville, FL 32256		Address:	
Email: matt.crews@golder.com	Purchase Order #:	Pace Quote:	Regulatory Agency
Phone: (904)207-6023	Project Name: Pfizer - Carolina PR	Pace Project Manager: todd.rea@pacelabs.com,	State / Location
Requested Due Date: 9/20	Project #: 10900	Pace Profile #: 10900	PR

ITEM #	SAMPLE ID <small>One Character per box. (A-Z, 0-9, -,) Sample IDs must be unique</small>	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see matrix codes to left) G-EGRAB-CACMPF	COLLECTED:				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analyses Test CVOCs (8260)	Y/N	Requested Analysis Filtered (Y/N)					
					START		END				Preservatives													
					DATE	TIME	DATE	TIME			H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol			Other					
1	mw-175	W	G	9/17/13	12:30	9/17/13	12:30					X												
2	MW-185	W	I	11	14:25	11	14:25					X												
3	MW-195	W	I	11	15:45	11	15:45					X												
4	MW-205	W	I	9/17/13	17:50	9/17/13	17:50					X												
5	EW-25	W	I	11	19:30	11	19:30					X												
6	EW-39	W	I	11	20:55	11	20:55					X												
7	MW-265	W	I	11	23:25	11	23:25					X												
8	EW-37	W	I	11	23:55	11	23:55					X												
9	MW-28-5	W	I	9/17/13	23:50	9/17/13	23:50					X												
10	MW-015	W	I	9/17/13	00:05	9/17/13	00:05					X												
11	INJ-30	W	I	11	01:15	11	01:15					X												
12	INJ-24	W	I	11	03:10	11	03:10					X												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
<i>Todd Rea - Pace</i>	<i>Pace</i>	<i>9/17/13</i>	<i>16:00</i>	<i>Pace - Matt Crews</i>	<i>9/17/13</i>	<i>13:07</i>	<i>4°C Y N Y</i>
<i>9/17/13</i>	<i>9/17/13</i>	<i>17:00</i>	<i>9/17/13</i>	<i>Pace</i>	<i>9/17/13</i>	<i>17:00</i>	
<i>9/17/13</i>	<i>9/17/13</i>	<i>18:08:05</i>	<i>9/17/13</i>	<i>Pace</i>	<i>9/17/13</i>	<i>18:08:05</i>	<i>4°C Y N Y</i>
<i>9/17/13</i>	<i>9/17/13</i>	<i>19:00</i>	<i>9/17/13</i>	<i>Pace</i>	<i>9/17/13</i>	<i>19:00</i>	<i>4°C Y N Y</i>

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: *Simon J. Rea*SIGNATURE of SAMPLER: *Simon J. Rea*DATE Signed: *9/20/13*

TEMP In C
In
(Y/N)
Custody
Sealed
Chilled
(Y/N)
Samples
Inlet
(Y/N)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:

Company: Golder Associates, Inc. Jacksonville
 Address: 9426 Baymeadows Road
 Jacksonville, FL 32256
 Email: matt.crews@golder.com
 Phone: (904)207-6023 Fax: *STC*
 Requested Due Date:

Section B
Required Project Information:

Report To: Matt Crews, PE
 Copy To:
 Purchase Order #:
 Project Name: Pfizer - Carolina PR
 Project #: *STC*

Section C
Invoice Information:

Attention:
 Company Name:
 Address:
 Pace Quote:
 Pace Project Manager: todd.rea@pacelabs.com,
 Pace Profile #: 10900

Page : **2** Of **2**

Regulatory Agency:

State / Location:

PR

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample IDs must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left) S=GRAB C=COMP	COLLECTED				# OF CONTAINERS	SAMPLE TEMP AT COLLECTION	Preservatives						Requested Analysis Filtered (Y/N)																																			
					START		END				H2SO4	HNO3	HCl	NaOH	Na2SO3	Methanol	Other	Analyses Test	CVOCs (8260)	PCPs	PCBs	PCNPs	PCPs	PCNs	PCPs	PCNs	PCPs	PCNs																								
					DATE	TIME	DATE	TIME										Y/N																																		
1	mW-16S			S	9/18/18	14:30	9/18/18	14:30	3	35		X						X																																		
2	mW-095			S	9/18/18	14:35	9/18/18	14:35	3	35		X						X																																		
3	mW-10S			S	9/18/18	14:30	9/18/18	14:30	3	35		X						X																																		
4	mW-03S			S	9/18/18	14:30	9/18/18	14:30	3	35		X						X																																		
5	mW-12S			S	9/18/18	14:30	9/18/18	14:30	3	35		X						X																																		
6	mW-2S			S	9/18/18	14:30	9/18/18	14:30	3	35		X						X																																		
7	mW-11S			S	9/18/18	14:30	9/18/18	14:30	3	35		X						X																																		
8	mW-15S			S	9/18/18	14:30	9/18/18	14:30	3	35		X						X																																		
9	INL-38			S	9/18/18	14:30	9/18/18	14:30	3	35		X						X																																		
10	mW-2D			S	9/18/18	14:30	9/18/18	14:30	3	35		X						X																																		
11																																																				
12																																																				
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS																																				
<i>MW-29 S, Pace</i>				<i>9/18/18, 14:30</i>				<i>Pace Analytical</i>				<i>9/18/18, 14:30</i>				<i>4/4/18</i>																																				
<i>STC</i>				<i>9/18/18, 14:30</i>				<i>FENEX</i>				<i>9/18/18, 14:30</i>				<i>4/4/18</i>																																				
<i>STC</i>				<i>9/18/18, 14:30</i>				<i>Pace</i>				<i>9/18/18, 14:30</i>				<i>4/4/18</i>																																				
SAMPLE NAME AND SIGNATURE																																																				
PRINT Name of SAMPLER: <i>Simon Ojeda</i>																																																				
SIGNATURE of SAMPLER: <i>Simon Ojeda</i>																																																				
DATE Signed: <i>9/20/18</i>																																																				
TEMP IN C												Received on Ice (Y/N) Custody Sealed Cooler (Y/N) Samples Intact (Y/N)																																								



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 13

Document Revised:
May 30, 2018
Issuing Authority:
Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project WO# : 35420097

Project Manager PM: TSR
Client CLIENT: GOLASC

Date and Initials of person:

Examining contents: DAC

Label: DAC

Deliver: DAC

pH: _____

Thermometer Used: T 558

Date: 04/26/18

Time: 1140

Initials: JDI

State of Origin:

For WV projects, all containers verified to ≤ 6 °C

Cooler #1 Temp. °C 24 (Visual) +0 (Correction Factor) 24 (Actual)

Samples on ice, cooling process has begun

Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Courier: Fed Ex. UPS USPS Client Commercial Pace

Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground

International Priority

Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # 4506 2679 2267

Custody Seal on Cooler/Box Present: Yes No Seals Intact: Yes No Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Correct Containers Used	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Containers Intact	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Exceptions: VOA, Coliform, TOC, O&G, Carbamates	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Client Notification/ Resolution:

Person Contacted: _____

Date/Time: _____

Comments/ Resolution (use back for additional comments):

Preservation Information:

Preservative: _____

Lot #/Trace #: _____

Date: _____ Time: _____

Initials: _____

October 03, 2018

Mr. Matt Crews, PE
Golder Associates, Inc.
9428 Baymeadows Road
Suite 400
Jacksonville, FL 32256

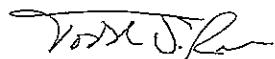
RE: Project: Pfizer-Carolina PR
Pace Project No.: 35420306

Dear Mr. Crews, PE:

Enclosed are the analytical results for sample(s) received by the laboratory on September 26, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea
todd.rea@pacelabs.com
(904) 903-7948
Project Manager

Enclosures

cc: Jax_Labdata, Golder Associates, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Connecticut Certification #: PH-0216
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14

Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Wyoming Certification: FL NELAC Reciprocity
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35420306001	MW-22S	Water	09/24/18 09:25	09/26/18 13:50
35420306002	MW-21S	Water	09/24/18 10:30	09/26/18 13:50
35420306003	MW-07S	Water	09/24/18 11:55	09/26/18 13:50
35420306004	MW-07D	Water	09/25/18 09:10	09/26/18 13:50
35420306005	MW-31S	Water	09/25/18 13:05	09/26/18 13:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Pfizer-Carolina PR
 Pace Project No.: 35420306

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35420306001	MW-22S	EPA 8260	BTN	34	PASI-O
35420306002	MW-21S	EPA 8260	BTN	34	PASI-O
35420306003	MW-07S	EPA 8260	BTN	34	PASI-O
35420306004	MW-07D	EPA 8260	BTN	34	PASI-O
35420306005	MW-31S	EPA 8260	BTN	34	PASI-O

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Pfizer-Carolina PR

Pace Project No.: 35420306

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
35420306001	MW-22S						
EPA 8260	1,2-Dichloroethene (Total)	1.1	ug/L	1.0	09/30/18 07:16	N2	
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	09/30/18 07:16		
EPA 8260	Trichloroethene	1.3	ug/L	1.0	09/30/18 07:16		
35420306002	MW-21S						
EPA 8260	Chloroethane	4.5 I	ug/L	10.0	09/30/18 07:41		
EPA 8260	1,2-Dichloroethene (Total)	460	ug/L	10.0	10/02/18 13:24	N2	
EPA 8260	1,1-Dichloroethene	0.98 I	ug/L	1.0	09/30/18 07:41		
EPA 8260	cis-1,2-Dichloroethene	348	ug/L	10.0	10/02/18 13:24		
EPA 8260	trans-1,2-Dichloroethene	113	ug/L	1.0	09/30/18 07:41		
EPA 8260	Trichloroethene	8.1	ug/L	1.0	09/30/18 07:41		
EPA 8260	Vinyl chloride	253	ug/L	10.0	10/02/18 13:24		
35420306003	MW-07S						
EPA 8260	Chloroethane	1.0 I	ug/L	10.0	09/30/18 08:05		
EPA 8260	1,2-Dichloroethene (Total)	377	ug/L	10.0	10/02/18 13:48	N2	
EPA 8260	1,1-Dichloroethene	0.74 I	ug/L	1.0	09/30/18 08:05		
EPA 8260	cis-1,2-Dichloroethene	301	ug/L	10.0	10/02/18 13:48		
EPA 8260	trans-1,2-Dichloroethene	76.3	ug/L	1.0	09/30/18 08:05		
EPA 8260	Trichloroethene	0.80 I	ug/L	1.0	09/30/18 08:05		
EPA 8260	Vinyl chloride	197	ug/L	1.0	09/30/18 08:05		
35420306004	MW-07D						
EPA 8260	1,2-Dichloroethene (Total)	1.4	ug/L	1.0	09/30/18 08:30	N2	
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	09/30/18 08:30		
35420306005	MW-31S						
EPA 8260	1,2-Dichloroethene (Total)	51.3	ug/L	1.0	09/30/18 08:53	N2	
EPA 8260	cis-1,2-Dichloroethene	40.6	ug/L	1.0	09/30/18 08:53		
EPA 8260	trans-1,2-Dichloroethene	10.7	ug/L	1.0	09/30/18 08:53		
EPA 8260	Trichloroethene	6.7	ug/L	1.0	09/30/18 08:53		
EPA 8260	Vinyl chloride	42.6	ug/L	1.0	09/30/18 08:53		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

Sample: MW-22S Lab ID: 35420306001 Collected: 09/24/18 09:25 Received: 09/26/18 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/30/18 07:16	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/30/18 07:16	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/30/18 07:16	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/30/18 07:16	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/30/18 07:16	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/30/18 07:16	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/30/18 07:16	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	95-50-1	
1,3 Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	107-06-2	
1,2-Dichloroethene (Total)	1.1	ug/L	1.0	0.50	1		09/30/18 07:16	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	75-35-4	
cis-1,2-Dichloroethene	1.1	ug/L	1.0	0.50	1		09/30/18 07:16	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 07:16	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 07:16	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/30/18 07:16	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/30/18 07:16	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	79-00-5	
Trichloroethene	1.3	ug/L	1.0	0.50	1		09/30/18 07:16	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	75-69-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:16	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		09/30/18 07:16	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	70-130		1		09/30/18 07:16	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		09/30/18 07:16	2037-26-5	



REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

Sample: MW-21S Lab ID: 35420306002 Collected: 09/24/18 10:30 Received: 09/26/18 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bronodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/30/18 07:41	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/30/18 07:41	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/30/18 07:41	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	108-90-7	
Chloroethane	4.5 I	ug/L	10.0	0.50	1		09/30/18 07:41	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/30/18 07:41	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/30/18 07:41	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/30/18 07:41	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	107-06-2	
1,2-Dichloroethene (Total)	460	ug/L	10.0	5.0	10		10/02/18 13:24	540-59-0	N2
1,1-Dichloroethene	0.98 I	ug/L	1.0	0.50	1		09/30/18 07:41	75-35-4	
cis-1,2-Dichloroethene	348	ug/L	10.0	5.0	10		10/02/18 13:24	156-59-2	
trans-1,2-Dichloroethene	113	ug/L	1.0	0.50	1		09/30/18 07:41	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 07:41	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 07:41	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/30/18 07:41	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/30/18 07:41	79-34-5	
Tetachloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	79-00-5	
Trichloroethene	8.1	ug/L	1.0	0.50	1		09/30/18 07:41	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 07:41	75-69-4	
Vinyl chloride	253	ug/L	10.0	5.0	10		10/02/18 13:24	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		09/30/18 07:41	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70-130		1		09/30/18 07:41	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		09/30/18 07:41	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

Sample: MW-07S Lab ID: 35420306003 Collected: 09/24/18 11:55 Received: 09/26/18 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/30/18 08:05	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/30/18 08:05	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/30/18 08:05	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	108-90-7	
Chloroethane	1.0 I	ug/L	10.0	0.50	1		09/30/18 08:05	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/30/18 08:05	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/30/18 08:05	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/30/18 08:05	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	107-06-2	
1,2-Dichloroethene (Total)	377	ug/L	10.0	5.0	10		10/02/18 13:48	540-59-0	N2
1,1-Dichloroethene	0.74 I	ug/L	1.0	0.50	1		09/30/18 08:05	75-35-4	
cis-1,2-Dichloroethene	301	ug/L	10.0	5.0	10		10/02/18 13:48	156-59-2	
trans-1,2-Dichloroethene	76.3	ug/L	1.0	0.50	1		09/30/18 08:05	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 08:05	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 08:05	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/30/18 08:05	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/30/18 08:05	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	79-00-5	
Trichloroethene	0.80 I	ug/L	1.0	0.50	1		09/30/18 08:05	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:05	75-69-4	
Vinyl chloride	197	ug/L	1.0	0.50	1		09/30/18 08:05	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		09/30/18 08:05	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70-130		1		09/30/18 08:05	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		09/30/18 08:05	2037-26-5	



REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

Sample: MW-07D Lab ID: 35420306004 Collected: 09/25/18 09:10 Received: 09/26/18 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									Analytical Method: EPA 8260
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/30/18 08:30	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/30/18 08:30	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/30/18 08:30	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/30/18 08:30	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/30/18 08:30	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/30/18 08:30	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/30/18 08:30	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	107-06-2	
1,2-Dichloroethene (Total)	1.4	ug/L	1.0	0.50	1		09/30/18 08:30	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	75-35-4	
cis-1,2-Dichloroethene	1.1	ug/L	1.0	0.50	1		09/30/18 08:30	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 08:30	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 08:30	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/30/18 08:30	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/30/18 08:30	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	75-69-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:30	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		09/30/18 08:30	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70-130		1		09/30/18 08:30	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		09/30/18 08:30	2037-26-5	



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ANALYTICAL RESULTS

Project: Pfizer-Carolina PR

Pace Project No.: 35420306

Sample: MW-31S Lab ID: 35420306005 Collected: 09/25/18 13:05 Received: 09/26/18 13:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									Analytical Method: EPA 8260
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		09/30/18 08:53	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		09/30/18 08:53	74-83-9	
Carbon tetrachloride	0.50 U	ug/L	3.0	0.50	1		09/30/18 08:53	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		09/30/18 08:53	75-00-3	
2-Chloroethylvinyl ether	0.50 U	ug/L	40.0	0.50	1		09/30/18 08:53	110-75-8	c2
Chloroform	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		09/30/18 08:53	74-87-3	
Dibromochloromethane	0.26 U	ug/L	2.0	0.26	1		09/30/18 08:53	124-48-1	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	95-50-1	
1,3-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	541-73-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	106-46-7	
Dichlorodifluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	75-71-8	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	107-06-2	
1,2-Dichloroethene (Total)	51.3	ug/L	1.0	0.50	1		09/30/18 08:53	540-59-0	N2
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	75-35-4	
cis-1,2-Dichloroethene	40.6	ug/L	1.0	0.50	1		09/30/18 08:53	156-59-2	
trans-1,2-Dichloroethene	10.7	ug/L	1.0	0.50	1		09/30/18 08:53	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 08:53	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		09/30/18 08:53	10061-02-6	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		09/30/18 08:53	75-09-2	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		09/30/18 08:53	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	127-18-4	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	79-00-5	
Trichloroethene	6.7	ug/L	1.0	0.50	1		09/30/18 08:53	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		09/30/18 08:53	75-69-4	
Vinyl chloride	42.6	ug/L	1.0	0.50	1		09/30/18 08:53	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		09/30/18 08:53	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130		1		09/30/18 08:53	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		09/30/18 08:53	2037-26-5	



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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

QC Batch:	481726	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	35420306001, 35420306002, 35420306003, 35420306004, 35420306005		

METHOD BLANK: 2607935 Matrix: Water

Associated Lab Samples: 35420306001, 35420306002, 35420306003, 35420306004, 35420306005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.50	0.12	09/30/18 01:35	
1,1,2-Trichloroethane	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
1,1-Dichloroethane	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
1,1-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
1,2-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
1,2-Dichloroethane	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
1,2-Dichloroethene (Total)	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	N2
1,2-Dichloropropane	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
1,3-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
1,4-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
2-Chloroethylvinyl ether	ug/L	0.50 U	40.0	0.50	09/30/18 01:35	
Bromodichloromethane	ug/L	0.27 U	0.60	0.27	09/30/18 01:35	
Bromoform	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
Bromomethane	ug/L	0.50 U	5.0	0.50	09/30/18 01:35	
Carbon tetrachloride	ug/L	0.50 U	3.0	0.50	09/30/18 01:35	
Chlorobenzene	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
Chloroethane	ug/L	0.50 U	10.0	0.50	09/30/18 01:35	
Chloroform	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
Chloromethane	ug/L	0.62 U	1.0	0.62	09/30/18 01:35	
cis-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	09/30/18 01:35	
Dibromochloromethane	ug/L	0.26 U	2.0	0.26	09/30/18 01:35	
Dichlorodifluoromethane	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
Methylene Chloride	ug/L	2.5 U	5.0	2.5	09/30/18 01:35	
Tetrachloroethene	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
trans-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	09/30/18 01:35	
Trichloroethene	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
Trichlorofluoromethane	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
Vinyl chloride	ug/L	0.50 U	1.0	0.50	09/30/18 01:35	
1,2-Dichloroethane-d4 (S)	%	106	70-130		09/30/18 01:35	
4-Bromofluorobenzene (S)	%	96	70-130		09/30/18 01:35	
Toluene-d8 (S)	%	99	70-130		09/30/18 01:35	

LABORATORY CONTROL SAMPLE: 2607936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.7	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.5	102	68-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

LABORATORY CONTROL SAMPLE: 2607936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	20	19.9	99	70-130	
1,1-Dichloroethane	ug/L	20	19.5	97	70-130	
1,1-Dichloroethene	ug/L	20	18.2	91	66-133	
1,2-Dichlorobenzene	ug/L	20	20.2	101	70-130	
1,2-Dichloroethane	ug/L	20	18.8	94	70-130	
1,2-Dichloroethene (Total)	ug/L	40	38.5	96	70-130 N2	
1,2-Dichloropropane	ug/L	20	19.8	99	70-130	
1,3-Dichlorobenzene	ug/L	20	19.8	99	70-130	
1,4-Dichlorobenzene	ug/L	20	19.4	97	70-130	
2-ChloroethylVinyl ether	ug/L	20	19.6 I	98	41-140	
Bromodichloromethane	ug/L	20	19.3	97	70-130	
Bromoform	ug/L	20	18.7	93	49-126	
Bromomethane	ug/L	20	9.1	45	10-165	
Carbon tetrachloride	ug/L	20	19.2	96	63-126	
Chlorobenzene	ug/L	20	19.0	95	70-130	
Chloroethane	ug/L	20	18.8	94	71-142	
Chloroform	ug/L	20	19.3	97	70-130	
Chloromethane	ug/L	20	20.2	101	40-140	
cis-1,2-Dichloroethene	ug/L	20	19.6	98	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.2	101	70-130	
Dibromochloromethane	ug/L	20	18.7	93	62-118	
Dichlorodifluoromethane	ug/L	20	21.5	107	47-150	
Methylene Chloride	ug/L	20	19.6	98	65-136	
Tetrachloroethene	ug/L	20	23.7	119	64-134	
trans-1,2-Dichloroethene	ug/L	20	18.9	94	68-127	
trans-1,3-Dichloropropene	ug/L	20	20.6	103	65-121	
Trichloroethene	ug/L	20	18.8	94	70-130	
Trichlorofluoromethane	ug/L	20	17.1	85	65-135	
Vinyl chloride	ug/L	20	19.8	99	68-131	
1,2-Dichloroethane-d4 (S)	%			106	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 2609384

Parameter	Units	35420236002		MS		% Rec Limits	Qualifiers
		Result	Spike Conc.	Result	% Rec		
1,1,1-Trichloroethane	ug/L	0.50 U	20	20.3	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	20	18.9	94	68-125	
1,1,2-Trichloroethane	ug/L	0.50 U	20	18.1	91	70-130	
1,1-Dichloroethane	ug/L	0.50 U	20	19.5	98	70-130	
1,1-Dichloroethene	ug/L	0.50 U	20	17.7	89	66-133	
1,2-Dichlorobenzene	ug/L	0.50 U	20	18.8	94	70-130	
1,2-Dichloroethane	ug/L	0.50 U	20	18.9	94	70-130	
1,2-Dichloroethene (Total)	ug/L	0.50 U	40	38.0	95	70-130 N2	
1,2-Dichloropropane	ug/L	0.50 U	20	19.2	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

MATRIX SPIKE SAMPLE:	2609384						
Parameter	Units	35420236002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	0.50 U	20	18.4	92	70-130	
1,4-Dichlorobenzene	ug/L	0.50 U	20	18.4	92	70-130	
2-Chloroethylvinyl ether	ug/L	0.50 U	20	0.50 U	0	41-140 J(M1)	
Bromodichloromethane	ug/L	0.27 U	20	18.9	95	70-130	
Bromoform	ug/L	0.50 U	20	17.0	85	49-126	
Bromomethane	ug/L	0.50 U	20	7.9	40	10-165	
Carbon tetrachloride	ug/L	0.50 U	20	20.1	100	63-126	
Chlorobenzene	ug/L	0.50 U	20	17.8	89	70-130	
Chloroethane	ug/L	0.50 U	20	21.6	108	71-142	
Chloroform	ug/L	0.50 U	20	19.1	95	70-130	
Chloromethane	ug/L	0.62 U	20	22.0	110	40-140	
cis-1,2-Dichloroethene	ug/L	0.50 U	20	19.5	98	70-130	
cis-1,3-Dichloropropene	ug/L	0.25 U	20	18.2	91	70-130	
Dibromochloromethane	ug/L	0.26 U	20	17.0	85	62-118	
Dichlorodifluoromethane	ug/L	0.50 U	20	25.0	125	47-150	
Methylene Chloride	ug/L	2.5 U	20	18.4	92	65-136	
Tetrachloroethene	ug/L	0.50 U	20	16.9	85	64-134	
trans-1,2-Dichloroethene	ug/L	0.50 U	20	18.5	93	68-127	
trans-1,3-Dichloropropene	ug/L	0.25 U	20	18.7	94	65-121	
Trichloroethene	ug/L	0.50 U	20	18.1	91	70-130	
Trichlorofluoromethane	ug/L	0.50 U	20	22.5	113	65-135	
Vinyl chloride	ug/L	0.50 U	20	21.7	109	68-131	
1,2-Dichloroethane-d4 (S)	%				113	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 2609383

Parameter	Units	35420236001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.12 U		40	
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethene	ug/L	0.50 U	0.50 U		40	
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethene (Total)	ug/L	0.50 U	0.50 U		40 N2	
1,2-Dichloropropane	ug/L	0.50 U	0.50 U		40	
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
2-Chloroethylvinyl ether	ug/L	0.50 U	0.50 U		40	
Bromodichloromethane	ug/L	0.27 U	0.27 U		40	
Bromoform	ug/L	0.50 U	0.50 U		40	
Bromomethane	ug/L	0.50 U	0.50 U		40	
Carbon tetrachloride	ug/L	0.50 U	0.50 U		40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

SAMPLE DUPLICATE: 2609383

Parameter	Units	35420236001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorobenzene	ug/L	0.50 U	0.50 U		40	
Chloroethane	ug/L	0.50 U	0.50 U		40	
Chloroform	ug/L	0.50 U	0.50 U		40	
Chloromethane	ug/L	0.62 U	0.62 U		40	
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Dibromochloromethane	ug/L	0.26 U	0.26 U		40	
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U		40	
Methylene Chloride	ug/L	2.5 U	2.5 U		40	
Tetrachloroethene	ug/L	0.50 U	0.50 U		40	
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Trichloroethene	ug/L	0.50 U	0.50 U		40	
Trichlorofluoromethane	ug/L	0.50 U	0.50 U		40	
Vinyl chloride	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethane-d4 (S)	%	109	108	2	40	
4-Bromofluorobenzene (S)	%	95	94	0	40	
Toluene-d8 (S)	%	100	100	0	40	

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QUALIFIERS

Project: Pfizer-Carolina PR
Pace Project No.: 35420306

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Compound was analyzed for but not detected.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- N2 The lab does not hold NELAC/TNI accreditation for this parameter.
- c2 Acid preservation may not be appropriate for the analysis of 2-Chloroethylvinyl ether.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pfizer-Carolina PR
 Pace Project No.: 35420306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35420306001	MW-22S	EPA 8260	481726		
35420306002	MW-21S	EPA 8260	481726		
35420306003	MW-07S	EPA 8260	481726		
35420306004	MW-07D	EPA 8260	481726		
35420306005	MW-31S	EPA 8260	481726		

REPORT OF LABORATORY ANALYSIS

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WO# : 35420306



35420306

F-CUSTODY / Analytical Request Document

Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company: Golder Associates, Inc. Jacksonville	Report To: Matt Crews, PE
Address: 9428 Baymeadows Road	Copy To:
Jacksonville, FL 32256	Purchase Order #:
Email: matt.crews@golder.com	Project Name: Pfizer - Carolina PR
Phone: (904)207-5023	Project #: Project #:
Requested Due Date:	

Required Project Information:

Page : 1 Of 1

Section C
Invoice Information:

Attention:	Company Name:
Address:	Regulatory Agency:
Pace Quote:	State / Location:
Pace Project Manager: todd.rea@pacelabs.com	PR
Pace Profile #: 10900	

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9, -,) Sample IDs must be unique	MATERIAL CODE Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wind WP Air AR Other OT Tissue TS	MATRIX-CODE (see valid codes below) G=GRAB Q=COMP	COLLECTED				# OF CONTAINERS	Preservatives						Requested Analysis Filtered (Y/N)						
				START		END			H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	CVOCs (8260)	PCPs	PCBs	PCNPs	PCPs	PCNs
				DATE	TIME	DATE	TIME														
1	mW 22-S	W/G	9/15/13	9:15	9/15/13	10:10	3		X				X								
2	mW-21-S	W	9/15/13	10:30	9/15/13	11:30	3			X			X								
3	mW-07-S	W	9/15/13	11:45	9/15/13	12:45	3			X			X								
4	MW-07-D	W	9/15/13	9:10	9/15/13	9:10	3			X			X								
5	MW-31-S	W	9/15/13	13:10	9/15/13	15:05	3			X			X								
6																					
7																					
8																					
9																					
10																					
11																					
12																					
ADDITIONAL COMMENTS:			RELINQUISHED BY AFFILIATION:			DATE	TIME	ACCEPTED BY AFFILIATION:			DATE	TIME	SAMPLE CONDITIONS:								
						9/15/13	16:00				9/15/13	17:00									
						9/15/13	14:15				9/15/13	14:15									
											9/15/13	17:50									
											9/15/13	17:50									

SAMPLER NAME AND SIGNATURE:	
PRINT Name of SAMPLER: Simon J. O'Neal	
SIGNATURE of SAMPLER:	DATE Signed: 9/15/13
TEMP in C	Received on Ice (Y/N)
Custody Sealed	Cooler (Y/N)
Samples Inert (Y/N)	



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 13

Document Revised:
May 30, 2018
Issuing Authority:
Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

WO#: 35420306

Project #

PM: TSR

Due Date: 10/03/18

Project Manager

CLIENT: GOLASC

Client:

Thermometer Used:

T33Y

Date:

9/26/18

Time:

1350

Initials:

KBI

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

State of Origin:

For WV projects, all containers verified to ≤ 6 °C

Cooler #1 Temp. °C 30 (Visual) (Correction Factor) 30 (Actual)

Samples on ice, cooling process has begun

Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace

Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground

International Priority

Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # 4395 0555 9355

Custody Seal on Cooler/Box Present: Yes No Seals Intact: Yes No Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC, O&G, Carbamates		
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:

Person Contacted: _____

Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____

Date: _____